je Kinima Immal,

FORMING A COMPLETE RECORD OF THE PROCEEDINGS OF ALL PUBLIC COMPANIES.

[The MINING JOURNAL is Registered at the General Post Office as a Newspaper and for Transmission Abroad.]

No. 2376.—Vol. LI.

LONDON, SATURDAY, MARCH 5, 1881.

WITH SUPPLEMENT. PRICE SIXPENCE PER ANNUM, BY POST £1 48

MR. JAMES H. CROFTS, STOCK AND SHARE BROKER, AND MINING SHARE DEALER, No. 1, FINCH LANE, CORNHILL, LONDON, E.C. ESTABLISHED 1842.

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Business negociated in Stocks and Shares not having a general market

value.

Every Friday a general and reliable List issued (a copy of which will be forwarded regularly on application), containing closing prices of the week.

MINSS INSPECTED.

BANKERS: CITY BANK, LONDON—SOUTH CORNWALL BANK, ST. AUSTELL.

 \mathbb{R}

E.C

Bankers: City Bank, Londox—South Cornwall Bank, St. Austell.

8pecial Dealings in the following, or part:—
50 Hingston Down,£18 9
60 Almada, 9s. 6d.
10 Cambrian, 15s.
45 Carnarvon Cop., 22s.
50 East Caradon, £15s.
50 East Caradon, £15s.
50 East Caradon, £15s.
50 Frontino, £5.
50 Frontino, £5.
50 Frontino, £5.
50 Frontino, £5.
61 Gierrov, 11s. 3d.
62 Gierrov, 11s. 3d.
63 Growinion, £2 18s 9
64 Gierrov, 11s. 3d.
65 Frontino, £5.
66 Frontino, £5.
67 Frontino, £5.
68 Frontino, £5.
69 Fort Philip, 11s.
69 Fort Philip, 11s.
60 Gierrov, 11s. 3d.
60 Frontino, £2 18s 9
60 Frontino, £5.

RAILWAYS—SPECIAL BUSINESS.
FOREIGN BONDS—SPECIAL BUSINESS.
AMERICAN STOCKS AND SHARES—SPECIAL BUSINESS.
Fortnightly accounts opened on receipt of the usual cover in these and all Stock Exchange Securities.

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MR. W. H. BUMPUS, STOCK AND SHARE BROKER, AND MINING SHARE DEALER 44, THREADNEEDLE STREET, LONDON, E.C. ESTABLISHED 1867.

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TRAMWAYS, TELEGRAPHS, and all the LEADING INVESTMENTS.
Accounts opened for the Fortnightly Settlement
A List of Investments free on application.

A List of Investments free on application.

Ma, BUMPUS has SPECIAL BUSINESS in the undermentioned:—
50 Arendal, 4234.
50 Emma, £3 88, 9d.
50 Emma, £3 88, 9d.
50 Bub (Tent, 328, 9d.
60 Colornaton, £18, 6d.
10 Cape Copper, £4245.
60 Colornato, £2 198, 6d.
10 Devala Moyar. £1 11s.
40 Devala Moyar. £1 11s.
41 Dovala Moyar. £1 11s.
42 Gerat Laxey, £18½.
43 Dovala Moyar. £1 11s.
44 Devala Moyar. £1 11s.
45 So. Devon Uni., £3%.
46 Colorado, £1 6s.
47 Torrition, £1 6s.
48 Torrition, £1 6s.
49 Torrition, £6 8s. 9d.
415 Richmond, £16%.
416 Rolorado, £1 6s.
417 Torrition, £1 6s.
418 Torrition, £1 6s.
419 Torrition, £1 6s.
410 Rolorado, £1 6s.
4

20 Gunnislake (Clitters), 455.
100 Hungarian Cop., 19s.
50 Hultafall, 31s. 6d.
40 Hingston Down, 29s.
100 Indian Glenrock, 34s.
75 La Plata, 32s.
20 Mellanear.
10 Mona, £15
100 No. Herodstoot.
25 New Quebrada, £6 8 9

SPECIAL BUSINESS, at close prices, in the SHARES of all the principal HOME and FOREIGN MINES.

Mr. Bumpus devotes special attention to these Securities, and is in a position afford reliable information and advice to intending investors and others.

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TIN HILL MINES.

This is our SPECIAL RECOMMEN DATION, as we are sure the shares will have a great rise in a few days.

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WEST CARADON, PARYS, NEW WEST CARADON, and WEST CREBOR specially recommended.

SHARES BOUGHT OR SOLD ON COMMISSION.

RERDINAND R. KIRK, STOCKBROKER, 5, BIRCHIN-LANE, LONDON, E.C.

AMERICAN SHARES AND BONDS.—Attention was recently called in "The Week" to Eries when at 39, to Readings at 16, and to Pernsylvania at 60. Despite the great advance still higher prices during 1881 may confidently be relied upon. Fifty shares of each, or any larger number may be secured for the account on receipt of the usual cover. New York Central and Ithiois Central deserve attention.

All Hombook and Class Stocks and Shares, yielding 4 to 10 people and the control of the care of the control of the usual cover. New York Central and Ithiois Central deserve attention. tention.

Money is to be made by operating in Atlantic and Great Western Mortgage
Sonds.

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9, GRAOCHURCH STREET, LONDON, E. C. (Established 28 years).

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COMMISSION.

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Aberliya.

30 Gawton.

50 Bodidris.

50 Gelford United.

10 Grogwinion.

50 Bud Bils.

50 Gelnroy.

50 Hungarian Copper.

50 Potrose.

50 Potrose.

70 Prince of Wales.

70 Prince of Wales.

70 Prince of Wales.

70 Prince of Wales.

70 South Polcarne.

70 South Polcarne.

70 Landegla.

70 Landegla.

70 Landegla.

70 West Kitty.

70 West Kitty.

70 West Kitty.

70 West Kitty.

70 West Caradon.

70 Wynaad Perseverance.

70 Wynaad Perseverance.

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MESSES. PETER WATSON AND CO., 18, AUSTIN FRIARS, OLD BROAD STREET, LONDON, E.C. BANKERS: THE ALLIANCE BANK (Limited).

M ESSRS. PETER WATSON AND CO.'S BRITISH AND FOREIGN MONTHLY MINING NEWS STOCK AND SHARE INVESTMENT NOTES - MINES, MINERALS, AND METAL MARKETS - SHARE LIST, No. 827, Vol. XVI., for FEBRUARY month, will shortly be ready, and will be sent to customers on application.

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50 Brazillan Gold, 225, 9d. 10 East Lovell, &4 16s 3d. 10 Bwlch United.
25 Frontino, &5 2s. 6d. 20 Gunnislake (Cilters), &2 5c. Colorado, &2 7s. 6d. 50 Javall, 5s. 3d. 20 East Consolidated, 9s. 20 Morth Alfred.
20 Devon Gt. Uni., &2: 25. 50 Nouveau Monde, &1: 25. 50 Lindian Gold, &2: 50 Lindian Gold, &2:

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Transact business in every description of Stocks and Shares.
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TREVINCE CONSOLS.—This mine continues to improve, and will, in our opinion, shortly occupy a prominent position. We most strongly advise immediate purchase of shares for a rapid rise. Price 25s.

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And is in an advantageous position to supply shares at close net prices. Buyers or sellers should communicate. A selected list of investments post free on application:

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Highest references given if required.

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R A N C I S F R A N C I S CORN EXCHANGE CHAMBERS, CHESTER HAS SPECIAL BUSINESS in HALKYN DISTRICT DRAINAGE, RHYDALUN, RHOSESMOR, NORTH HENDRE, and PEN-YR-ORSEDD.

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Samples and assay of the silver-lead ore from the Great Newborough Lode, with a Plan of this Property, can be seen at GARRICK'S HOUSE, ADELPHI TERRACE, STRAND.

CLOSING OF THE LISTS.

Notice is hereby given, that the Lists for Subscription for the 14,000 Shares at par will be Closed on March 9th for London, and March 10th for the Country. W. H. B. REDFORD, Secretary.

Highly favourable reports are given on the properties by Captains George Rowe (of Wheal Crebor, Gawton, &c.), John Goldsworthy (of South Crebor, &c.), Charles Seccombe (Tavistock), Thos. Gregory (late Manager of Drakewalls), R. Unsworth, R. Toye, and by Captain WM. TEAGUE, of Carn Brea.

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INCORPORATED UNDER THE COMPANIES ACTS, 1862 TO 1880, BY WHICH THE LIABILITY OF THE SHAREHOLDERS IS LIMITED.

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GEORGE FORMAN, Esq., Deputy Chairman Indian Queens and Parka Mines Consols, Limited, and Director East Wheal Rose.

BANKERS—THE STANDARD BANK OF LONDON, Lombard Street, E.C., London. Solicitor—GILBERT TERRELL, Esq., 84, Lombard Street, E.C., London. AUDITORS-Messrs. FLETCHER, QUENNELL, and Co., 8, Old Jewry, E.C., London. SECRETARY (PRO TEM.)—Mr. R. H. B. REDFORD.

OFFICES-ST. ANDREW'S HOUSE, 28, CORNHILL, E.C., LONDON.

This company is formed to purchase the leases, machinery, and plant of two valuable tin mines, lately known as the Walkham and Poldice properties, situate, adjoining each other, on the right and left banks of the River Walkham, in the parishes of Whitchurch and Buckland, near Tavistock, Devon, and for the further development of and working the said mines.

The properties may almost be considered as going concerns, the mines being well supplied with machinery, comprising three powerful water-wheels, halling gear, &c., 20 heads of stamps, buddles, dressing appliances, calciners, with account-house, smiths shops, &c., all well and elliciently constructed. Shallow workings have been partially laid open with the most satisfactory results; it will be seen by the accompanying reports that a large quantity of tin was taken, and profitable returns made from the shallow workings.

The recent depression in mining led the late proprietors to temporarily stay operations, pending the improvement, which has since taken place; in anticipation of this change, and of the advance in the meat trade, the present owners purchased the properties, retaining the machinery, plant, &c., thereon: and the company takes immediate possession of mines in going order, and work will be commenced with the view to returning tin immediately at the profitable rates now prevailing for that mineral.

A great and special feature in these mines is the favourable situation of the properties, the setts embrace several known tin and copper

The directors believe they have secured a valuable property, capable of remarkably cheap working; the heavy outlay and expense of steamengines, &c., will be avoided; the mines will be worked simply, efficiently, and in every respect economically. The vendors are the promotors of the company, and show their faith in the prospects of the undertaking by stipulating to have their entire consideration—one-half of the capital, £10,000, in fully paid shares of the company; receiving no cash whatever, either for the machinery, plant, outlay, promotion expenses, or otherwise.

Working capital is required to develope the mines, and it is for this the directors solicit subscriptions. Allotment will be made in the order in which applications are received, and where no shares are allottted, the deposit paid on application will be returned in full.

The only contracts entered into are made between James Murray of the one part, and Thomas Edwin Crocker and James Thomas Browne of the other part, dated the 2nd day of December, 1880, and between the said Thomas Edwin Crocker and James Thomas Browne of the one part, and Robert H. B. Redford for and on behalf of the company of the other part, dated the 2nd day of February, 1881.

Applications with a deposit of 5s per share must be readed on the

Applications with a deposit of 5s. per share must be made on the accompanying form, and sent to the bankers, brokers, or secretary. Prospectuses, reports, and Forms of Application can be had from the secretary at the office of the company, where copies of Memorandum and Articles of Association and contracts may be seen.

Registration of New Companies.

The following joint stock companies have been duly registered:-

TAYLOR'S PATENT CAPSTAN COMPANY (Limited).—Capital 5000l., in shares of 83l. 6s. 8d. To acquire and deal in a patented invention of improved capstan, windlass, and hoisting apparatus. The subscribers are—J. Taylor, Birkenhead, 19; G. Cradock, Wakefield, 10; J. Lang, Wakefield, 10; J. Burn, Sunderland, 5; J. H. Pragnell, Derby, 5; J. M. H. Taylor, Liverpool, 1; J. Lang, Coatbridge, 1.

CLARIDGE'S HOTEL COMPANY (Limited).—Capital 65,000l., in shares of 10l. To purchase and carry on an hotel in the West-end. The subscribers are—J. de Havilland, Queen Victoria-street, 50; A. C. C. Walker, Walton-on-Thames, 25; J. W. Burchall, 5, Broad Sanctuary, 1; W. Burchall, Junior, 5, Broad Sanctuary, 25; W. Burchall, 5, Rroad Sanctuary, 5; W. Willie, 349, Clapham-road, 1; G. A. Holme, 8, Regent-street.

8, Regent-street

R. Regent-street.

The Giffard Patent Freezing Company (Limited).—Capital 20,000l., in shares of 25l. The manufacture and sale of machinery, packing, and other apparatus in connection with certain patents. The subscribers (who take one share each) are—D. Archer, 147, Fenchurch-street; F. A. Gwynne, 15, Bury-street; A. Mackay, Lyndhurst; D. Macneill, 7, Lothbury; S. Mackay, 7, Lothbury; C. Reiner, 7, Lothbury; A. D. Mackey, 107, Victoria-street.

Rhondd Junction Welsh Coal Company (Limited).—Capital 40,000l., in shares of 10l. To adopt and carry into effect an agreement made between H. Kirkhouse on the one part and J. Butler for the company to purchase and acquire the works of Fowler's Pontypridd Steam Coal Company (Limited), known as the Marine Rhondda Steam Coal Collieries, in liquidation, and all other interests, property, business, plants, machinery, assets, and effects of said company. To win, work, get and sell the coal, ironstone, fireclay and minerals, and to carry on the trades of colliery proprietors, coke manufacturers. win, work, get and sell the coal, ironstone, freelay and minerals, and to carry on the trades of colliery proprietors, coke manufacturers, miners, smelters, brickmakers, fuel manufacturers, general contractors, &c. The subscribers (who take one share each) are—F. W. Burge, 8, Copthall-court, stockbroker; J. R. Tyler, Sittingbourne, lieut-col.; G. W. Brett, 5, East India Avenue, colliery proprietor; H. C. Burge, Bristol, gent.; J. S. S. Smith, Hagbourne, gent.; W. David, Cardiff, Rev.; R. D. Taylor, 8, Copthall-court, stockbroker. The subscribers will name the first directors, whose numbers must not be less directors. scribers will name the first directors, whose numbers must not be less

than three or more than seven.

THE MEKARSKI COMPRESSED AIR TRACTION COMPANY (Limited) -Capital 250,000l., in shares of 10l. To carry on the business of manufacturing engines, machinery, and apparatus in connection with certain patents for "an improved compressed air motor." The subscribers (who take one share each) are — R. W. Grosvenor, G. Queen's Gate; F. E. Chapman, 12, Bina Gardens; C. W. Strange, 9, Osnaburgh-terrace; J. J. Leeman, York; E. Wyham, Crawley; J. R. Chipperton, 3, Westminster Chambers; F. J. Bladdon, Cpper Norwood.

The London And County House, Land, And General Indiana. The London And County House, Land, And General Indiana. The Company (Limited).—Capital 100,0002., in shares of 100 Norwood.

GEORG E DEAKIN (Limited).—Capital 100,000l., in shares of 50l. Purchasing, working, or otherwise disposing of certain saltworks situate at Wharton and Over, Chesire. The subscribers (who take one share each) are—A. Deakin, Hartford; J. B. Deakin, Oxton; G. H. Deakin, Hartford; W. McQuie, Edge-lane; J. Craigie, Claughton; Jane Craigie, Claughton; W. Burrows, Southgate; F. Burrows, Southgate.

Southgate.

THE LITTLE INVESTOR COMPANY (Limited).—Capital 5000l., in shares of 1l. The buying, selling, and dealing in stocks, shares, and other securities. The subscribers (who take one share each) are—K. F. Bellairs, Crown-court; P. Wilkinson, 7, Castelnan Gardens; G. E. Sloggett, 36, King's Cross-road; W. A. Gunner, Peckham; S. V. Montefiore, 58, Lombard-street; J. A. Wells, 118, Upper Tulse Hill; H. Simnson. Chelsea.

patent medicine vendors, &c. The subscribers (who take one share each) are—C. S. C. Watkins, 46, Queen Victoria-street; F. A. Roques, 11, Queen Victoria-street; H. Gillingham, 25, Budge-row; J. B. Brown, Highbury; J. R. Morford, Lewisham; H. Nottingham, Peckham; J. Doyle, 12, Moreton-place.

THE MUNICIPAL FREEHOLD LAND COMPANY (Limited).—Capital 100,0004, in shares of 104. To carry on the business of a land and building society. The subscribers (who take 10 shares each) are—W. H. Richards, 36, Mark-lane; E. Pulleyne, 16, Clareville-grove; J. V. R. Rees, Chelsea; J. G. Batton-Browning, Hanover-square Club; R. Richards, 5, Fitzroy-square; Viscount Pollington, 8, Johnstreet; G. Marshall, Mayville.

Glamoreanshhre Workmen's Cottage Company (Limited).—Capital 20,0004., in shares of 104. To carry on the business of a building society in all branches. The subscribers are—F. G. Evans, Cardiff, 50; E. Hill, Llandaff, 50; J. N. Flint, Cardiff, 20; G. Thomas, Cardiff, 10; E. Seward, Cardiff, 10: C. Thompson, Cardiff, 10; F. de C. Hamilton, Cardiff, 2.

Flagstaff District Silver Mining Company (Limited).—Capital 160,0004., in shares of 14. To adopt and carry into effect a contract for the purchase of the Flagstaff Mine, and certain adjoining mines and property situate in the territory of Utah, together with the plant, machinery, and other effects. To work, explore, develope, and maintain the mines, minerals, and other properties of the company, and to conduct the business of raising, working, mining, smelting, and selling lead and other ores, metals, and minerals in all branches. The subscribers (who take one share each) are—C. J. Cadogan, Hornsey, accountant; M. Vincent, 127, Strand, geologist; smelting, and selling lead and other ores, metals, and minerals in all branches. The subscribers (who take one share each) are—C. J. Cadogan, Hornsey, accountant; M. Vincent, 127, Strand, geologist; G. Burnett, Banstead, gentleman; H. G. Lousada, 15, Austinfriars, solicitor; A. Numkittrick, 32, West Cromwell-road, manager; E. J. Emanuel, 15, Austinfriars, solicitor; A. Kerly, 14, Great Winchestrest, solicitor. The number of directors must not exceed five or be less than three.

Morgan's Marine Boiler Tube Repairing Company (Limited).—Capital 10,000L, in shares of 11. To manufacture iron, steel, and other substances in connection with certain acquired patents. The subscribers (who take one share each) are—J. B. Ball, Gresham Buildings; E. F. Paddon, 26, Walbrook; T. Smith, 155, Malpas-road; C. W. Cornish, South Hackney; J. Beazley, 3 and 4, Great Winchester-ter-street; C. R. Belcher, Brixton; R. Hollis, New Cross.

The Canadian And Brazalian Drrect Mail Steamship Company (Limited).—Capital 280,000L, in shares of 10L. To carry on a shipowner's business in all branches. The subscribers (who take one share each) are—J. Mail Steamship Company (Limited).—Capital 280,000L, in shares of 10L. To carry on a shipowner's business in all branches. The subscribers (who take one share each) are—G. C. Bayley, 1, Queen Victoria-street; R. W. Hanbury, Ashborne; H. Honey, Chishehurst; A. Parkes, Sutton Coldfield; A. Allott, 6A, Austinfriars.

The Turn Waterworks Company (Limited).—Capital 775,000L, in shares of 25L. To construct and maintain waterworks, canals, &c. The subscribers (who take one share each) are—J. Hendrey, Walbrook; C. E. Rashleigh, 38, Lincoln's Inn Fields; A. Howard, Lamborok; C. R. Belcher, Brixton; R. B. Berens, St. Mary Cray; G. A. H. Dyke, 13, Hartford-street; T. Cobb, 43, Lincoln's Inn Fields.

Manganese Bronze Propeller blades. The great strength of this material, which contains 78 per cent. of copper, and its perfect immanganese bronze propeller blades. The great strength of this material, which contains

THE LONDON AND COUNTY HOUSE, LAND, AND GENERAL INVESTMENT COMPANY (Limited).—Capital 100,000%, in shares of 10%. To carry on the combined businesses appertaining to a land and Jo carry on the comonen observes appertaining to a land and building society. The subscribers (who take 25 shares each) are—
J. Harverson, Hackney; T. Catten, Chislehurst; E. A. Beckett, 111,
Kingsland-road; G. Gable, 304, Kingsland-road; G. Rogers, 14,
St. Swithen's-lane; T. Cross, Holloway; W. May, St. Mary Cray.
THE CYPRUS LAND MORTGAGE AND INVESTMENT COMPANY
(Limited).—Capital 400,000l., in shares of 10l. To transact all the business of an agricultural, mercantile, land mortgage and investment company. The subscribers are—P. T. Curtis 39. Enchurch.

business of an agricultural, mercantile, land mortgage and investment company. The subscribers are—P. T. Curtis, 32, Fenchurch-street, 100; B. F. Killerby, East Dulwich, 1; W. J. Thompson, 38, Mincing-lane, 100; H. H. Ley, 90, Ladbroke Grove, 5; W. Sheldon, Amberst Park, 10; W. H. Adams, 30, Peckham Grove, 1; H. King,

other securities. The subscribers (who take one share each) are—K. F. Bellairs, Crown-court; P. Wilkinson, 7, Castelnan Gardens; G. E. Sloggett, 36, King's Cross-road; W. A. Gunner, Peckham; S. V. Montefiore, 58, Lombard-street; J. A. Wells, 118, Upper Tulse Hill; H. Simpson, Chelsea.

The Tic-Sano Company (Limited).—Capital 50,000l., in shares of 11 To acquire and continue the business of wholesale druggists, later than the subscribers (who take one share each) are—H. E. Miller, 10, Duke-street; C. T. Gladstone, Brighton; A. Walker, 147, Leaden-hall-street; H. W. Weguelin, 57½, Old Broad-street; C. H. Gladstone, later than the subscribers (who take one share each) are—H. E. Miller, 10, Duke-street; C. T. Gladstone, Brighton; A. Walker, 147, Leaden-hall-street; H. W. Weguelin, 57½, Old Broad-street; C. H. Gladstone, later than the subscribers (who take one share each) are—H. E. Miller, 10, Duke-street; H. W. Weguelin, 57½, Old Broad-street; C. H. Gladstone, later than the subscribers (who take one share each) are—H. E. Miller, 10, Duke-street; H. W. Weguelin, 57½, Old Broad-street; C. H. Gladstone, later than the subscribers (who take one share each) are—H. E. Miller, 10, Duke-street; H. W. Weguelin, 57½, Old Broad-street; C. H. Gladstone, later than the subscribers (who take one share each) are—H. E. Miller, 10, Duke-street; C. T. Gladstone, later than the subscribers (who take one share each) are—H. E. Miller, 10, Duke-street; C. T. Gladstone, later than the subscribers (who take one share each) are—H. E. Miller, 10, Duke-street; C. T. Gladstone, later than the subscribers (who take one share each) are—H. E. Miller, 10, Duke-street; C. T. Gladstone, later than the subscribers (who take one share each) are—H. E. Miller, 10, Duke-street; C. T. Gladstone, later than the subscribers (who take one share each) are the subscribers (who

4, Brunswick-place; F. North, 57½, Old Broad-street; H. W. Pane, 4 Royal Exchange Buildings.

Brunner, Mond, and Company (Limited).—Capital 600,000%, in shares of 10%. To acquire the business of chemical manufacturers, &c., with the goodwill and effects of Brunner, Mond, and Co., established in Cheshire, and to carry on same. The subscribers (who take one share each) are—J. Crosfield, Walton Lea; J. T. Brunner, Winnington Hall; B. Mond, Winnington Hall; C. M. Holland, Chester; E. Milner, Warrington; J. P. Brunner, Liverpool; H. Tate, Highfield Moreton.

E. Milner, Warrington; J. P. Branner, Liverpool; H. Tate, Highfield Moreton.

THE LEE-ON-SEA HOTEL AND BOARDING ESTABLISHMENT COMPANY (Limited).—Capital 25,000l., in shares of 1l. To purchase land and erect and carry on an hotel at Lee-on-Sea, near lifracombe. The subscribers (who take one share each) are—G. Robinson, 35, Pall Mall; W. Creper, Tavistock; T. R. Kelly, Tavistock; J. Nicholls, Pillaton; J. Kempthorne, Callington; W. W. Dymond, Callington; J. E. Spear, Callington; J. Turner, Cornwall.

THE INTERNATIONAL SUPPLY COMPANY (Limited).—Capital 20,000l., in shares of 1l. To carry on the business of engineers, constructors, and contractors of rolling stock, &c. The subscribers (who take one share each) are—W. D. Mann, 116, Piccadilly; H. B. Johnston, 10, Dean's-yard; C. K. Stewart, 7, Collingham-road; U. de Lungo, 37, Old Jewry; V. Middleton, Langham Hotel; W. J. Cutbill, 37, Old Jewry; A. S. Hughes, Lee.

THE LONDON CELLULOID COMPANY (Limited).—Capital 30,600l., in shares of 10l. To manufacture in connection with certain acquired patents, and sell all articles to be made of celluloid, or any compounds of nitro-cellulose. The subscribers (who take one share each) are—C. L. Addersley, Coventry; E. H. Bayley, 42, Newington Causeway; J. C. Bayley, 1, Queen Victoria-street; R. W. Hanbury, Ashbourne; H. Honey, Chislehurst; A. Parkes, Sutton Coldfield; A. Allott, 6A, Austinfriars.

THE TURIN WATERWORKS COMPANY (Limited).—Capital 775,000l., in shares of 25l. To construct and maintain waterworks, canals, &c. The Turin Waterworks, Scanals, &c. The Stableigh, 38, Lincoln's Inn Fields; A. Howard, Lambeth; J. H. Hendrey, Euston; R. B. Berens, St. Mary Cray; G. A. H. Dyke, 13, Hartford-street; T. Cobb, 43, Lincoln's Inn Fields.

manganese bronze propeller blades. The great strength of this material, which contains 78 per cent. of copper, and its perfect immunity from corrosion and pitting, render it possible to make the blades very materially thinner than those of any other metal, whilst at the same time a thoroughly smooth surface is obtained, and a perfectly true pitch, the blades not being liable to be distorted, as in the case of blades when being annealed. These advantages are clearly illustrated by comparing the performance of the Garth Castle with that of her predecessor, the Kinfauns Castle, built by the same firm. These vessels have precisely similar engines and boiler pressure. The Kinfauns Castle has steel propeller blades 2½ ft. pitch and 19 ft. diameter; she made 63 revolutions and 13 9 knots on trial, while the Garth Castle, with manganese bronze propeller blades 25 ft. pitch and the same diameter, accomplished 66 revolutions and 14 32 knots on trial.

HOLLOWAY'S FILLS—WEAKNESS AND DEBILITY.—Unless the blood be

HOLLOWAY'S PILLS-WEAKNESS AND DEBILITY.-Unless the blood be HOLLOWAY'S PILLS—WEAKNESS AND DEBILITY.—Unless the blood be kept fin a pure state, the strongest constitution will fail and disease superveix. These truly wonderful pills possess the power of neutralising and removing all contaminations of the blood. They quietlely but certainly overcome all obstructions tending to produce ill-health, and institute regular actions in organs that are faulty from derangement or debility. The dyspeptic, weak, and nervous may rely on these pills as their best friends and comforters. They improve the appetite and thoroughly invigorate the digestive apparatus. Holloway's pills have long been known to be the surest preventives of iver complaints, dreadful dropsies, spasms, colic, constipation, and many other diseases always hovering round the feeble and infirm. on

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8796 Acres. 83 Separate Mineral Propertie

The Corporation of South Australian Coppen Mines (Limited).

Capital £250,000 in Shares of £1 Each.

FIRST ISSUE 200,000 SHARES, OF WHICH 62,500 SHARES ARE ACCEPTED IN PART PAYMENT OF THE MINES. 2s. 6d. per Share payable on application; 7s. 6d. per Share payable on allotment; and the balance at intervals as required. In case where no allotment is made, the money paid on application will be returned in full.

DIRECTORS.

The Right Hon. Lord HEADLEY, Chairman.

The Lord RICHARD HOWE BROWNE, Chairman of the Bordeaux Tramways Company (Limited). The Hon. FULKE GREVILLE, The Glen, Sunninghill, Ascot.

The Hon. ASHLEY PONSONBY, Director of the Submarine Telegraph Company.

*R. A. ROUTH, Esq., Chairman of the English and Australian Copper Company (Limited).

H. T. SANKEY, Esq., Chairman of the Tolima Mining Company (Limited).

*(Will join the Board after the completion of the purchase.)

COLONIAL COMMITTEE.

Sir JOHN MORPHETT (ex-President of the Legislative Council of South Australia, and Director of the Yorke Peninsula Mining

Company (Limited).

The Hon. JOHN CARR, J.P. (late Chairman of Parliamentary Committees and Commissioner of Crown Lands, and Chairman of the National Life Association of Australia), Adelaide.

DAVID MURRAY, Esq., J.P., Messrs. D. and W. Murray, Merchants, Adelaide and London (Chairman of the Australia Felix Insurance Company), Adelaide.

BANKERS—Messrs. BARCLAY, BEVAN, TRITTON, and Co., 54, Lombard-street, London, E.C.
THE BANK OF AUSTRALASIA, Adelaide, South Australia.

SOLICITORS—Messrs. CAMPBELL, REEVES, and HOOPER, 17, Warwick-street, London, W.
Messrs. BRUCE and STUART, Adelaide, South Australia.

BROKERS—Messrs. R. B. SMITH and Co., 5, Angel Court, London, E.C.
AUDITORS—Messrs. OUILITER BALL and Co., 5 Moorrete-street, London, E.C.

AUDITORS—Messrs. QUILTER, BALL, and Co., 5, Moorgate-street, London, E.C. SECRETARY—Mr. SYDNEY A. COBBETT.

OFFICES-1, WINCHESTER HOUSE, 53A, OLD BROAD STREET, LONDON, E.C.

PROSPECTUS.

OFFICES—I, WINCHESTER HOUSE, 533, OLD BROAD STREET, LONDON, E.C.

PROSPECTUS.

This company has been formed to acquire and develope a number of exceedingly valuable foverment mineral grants, stated to contain some of the largest and richest deposits of copper or that have ever been discovered in any part of the world. The various mineral properties, eightly three in number, containing in the aggregate an area of the properties of the company, and the most remarkable discoveries that have been made from time to time in the well-known mineral district states within 200 miles to the north of Port Augusta in South Australia, and may be seen on reference to the surveyor-demortal's map at the offices of the company, are now constructing a railway, 200 miles in length, at a cost of upwards of a million sterling, to open up the vast resources of this district. The works are being pushed on rapidly, and the line is already completed, and opened on Dec. 16 hast by the Governor at distance of all the properties acquired by this company, to the miner has been chosen with a view to develope the mineral traffic, both in the hills and on the plains, and the line passes within a noderate distance of all the properties acquired by this company, as shown on the above-mentioned map.

Some of the mines have been worked to the surveyor-demontal conference of the hills. The works are being pushed on rapidly, and the line is already completed, and opened on Dec. 16 hast by the Governor at distance of all the properties acquired by this company, in a shown on the above-mentioned map.

Some of the mines have been worked to the survey develope the mineral traffic, both in the hills and on the plains, and the line passes within a noderate distance of all the properties acquired by this company, as shown on the above-mentioned map.

Some of the mines have been worked to the several discoveries which is the distance of the properties and the properties acquired by this company, then probably to the company and the properties and the proper

Bilinman) is supporting a population of 1500 persons, and that if facilities of transit were offered, there are many mines of equals, and even superior value, that could be immediately and profitably worked.

Colonial Government Blue-book, and from the fact that the copper over of Devon and Cornwall average about 6 per cent. of metal, and realise 23 to 25 per ten, whilst the mineral from some of the mines of this Corporation have yielded 30 per cent. and upwards of fine copper, worth at present prices, about 250 per ton, whilst the mineral from some of the mines of this Corporation have yielded 30 per cent. and upwards of fine copper, worth at present prices, about 250 per cent.

South Australian Government on lesse for 99 years for licence with right of lesse for a similar term, at a rent of 1s. per acre, and a small royalty of 25 per cent.

—8d. in 81—on the net profits, except the Bilinman Mine, which is held on a sublease under a former Act, and with the addition of the payment of 2600 a year.

The English and Australian Copper Company of London, who have smelting works at Adelaide, and purchased most of the ores sold from the above mines when first discovered, and who are acquainted with the repute and importance of the several mineral properties, have entered into a contract to purchase on favourable terms, at Adelaide or Fort Augusta, all the ores risked, thus saving time if shipped direct to England. They have also acquired land at Port Augusta, with a view of erecting additional furnaces there for the treatment of the ore from these mines.

The English and Australian Copper Company will be happy to answer any emportance of the corn of the second properties and and active the contract of the corn of the company will be given to the development of those properties mere the rainway, that can be opened out with the smallest expense and less delay, and when in working order soil or lessed to other companies as and the contract of the company will be given to the development of these properties, and the cont

Meetings of Bublic Companies.

GREAT DYLIFFE MINING COMPANY.

GREAT DYLIFFE MINING COMPANY.

The annual general meeting of shareholders was held at the office, Moorgate-street, on Monday,
Capt. H. JERVIS ALFRED, H.A.C., in the chair.

Mr. BENNETT read the notice calling the meeting.
The CHARMAN read the report of the directors. After referring to the rise in the price of lead ore to over 13t, per ton a year since, which, had it continued, would have given large profits, but instead, dropped as suddenly to less than 10t., necessitating the discontinuance of certain works which had been commenced in connection with the deepening of the Llechwedd-du engine-shaft. The report continued as follows:—

The other alternative work—commencing on the New lode, which has always been considered a very valuable portion of the company's property, was begun submitted to the board a comparatively inexpensive mode of working the same from plans prepared by him when at the mine, all necessary machinery being in stock. After working for nearly two months the new lode was cut, proving to be of an average thickness of 6 in. solid lead ore, and in one part opening out to 12 in. solid ore. The directors consider that, with judicious working, this part of the estate will more than worked ground. The remainder of the report referred to the decease of the late local agent, and the temporary appointment of the catalactic states of the late local agent, and the temporary appointment of a local manager; also to the accounts, &c.

The CHARMAN then read the report prepared for the meeting by the late Mr. Deane. It enumerated the new drivings on various portions of the mine amounting to over 75 firms, also to clearing and laying tram rails in two of the old levels on the Llechwedd-du lode for a distance of 190 fms., resulting in the opening out of 3 some extremely good ore ground, in addition to the workerful discovery on the New lode whilst working on the Alfred shaft. After these details, the report went on to say:

In taking a short review of the work done during the year I can only express the control

mutual friend a short sketch of the mine, and the following is an extract remindrate stated:

Dyliffe New Lode: A trial of this lode has only recently been made, and, in fact, may be said to be only as yet in its experimental stage. In the main adit this lode is cut through, but such slight indications were visible that no notice appears to have been taken of it, and only within the last few weeks attention has been directed to it. The small string crossing the adit has been followed upwards, and within 2 fms. ore was discovered, which increased as the work advanced, and at a height of 2 fms. from the top of the adit a rib of nearly solid one from 4 to 9 in, wide is found. Further opening out of this lode is in progress, and should it be found to continue the value of the mine will be greatly

BRIEF DESCRIPTION OF MINERAL PROPERTIES.

Mount Lyndhurst and Burr Mines. At the former there are seven lodes containing ore of first-class quality: 72 tons of ore sold averaged 39 per cent., and realised £15/2 12s. 2d. when the price of copper was at its lowest. The latter mine is reported to be "a wonderful place." Captain Tonkin, in his evidence given to the Parliamentary Committee, states—"There is the finest show of copper that ever I have seen since I have been in existence. The copper there is 40 yards wide and 200 yards long. You could load as many drays as you think proper with ore of 25 per cent. Without dressing; and which, if dressed, could be brought up to 45 or 50 per cent. The lies the best mine in Bouth Australia.

Separate Mineral Discoveries (within seven miles of the above). "Bolid grey ore in one lode 15 in. wide." Also native or. malleable copper and the mining reports :—"There is a well defined north and south lode on the surface of this property, and rich grey core has been raised therefrom. I broke out myself 12 cwts. of ore when examining it, and consider it one of the many excellent mineral properties in the North. No work has been done. The lode is showing for about 200 yards." At the Gammon Creek Mine the same authority reports:— "I forward stones of rich grey sulphides. The lode is a well defined one, showing on the single the committee." I may be a subject to the forward stones of rich grey sulphides. The lode is a well defined one, showing on the sulphides. The lode is a well defined one, showing on the sulphides. The lode is a well defined one, showing on the sulphides. The lode is a well defined one, showing on the sulphides. The lode is a well defined one, showing on the sulphides. The lode is a well defined one, showing on the entire of the chains in length for an average wellth of 4 it. The core can be raised mean to the sulphides. The lode is a well defined one, showing on the carrier of the core and matrix are any guide."

Mount Son, T. A. The ore can be really hone and the BRIEF DESCRIPTION OF MINERAL PROPERTIES. of good copper ore."

Beltana Mines. Considered will make rich mines.

Kanyaka and McConville's Mines. "Ground easy to work. 25s. to 35s. per fathom paid for sinking or driving. Average percentage of ore, 20 to 30." "Lodes, 2 ft. to 30 in. wide." Nine tons of ore assayed 27½ per cent."

The Blinman Mine, before mentioned. Mr. Fiveash, in his evidence to the Parliamentary Committee, states—"We could send, I think, from Blinman alone 1000 tons a month."

easily increased. It is worked, and such a quantity of ore as is there found will unquestionably be very profitable. The close proximity of this abundance of ore to the adit in which there were such slight indications is a remarkable example of the peculiar character of mining enterprise.

This was a wonderfully favourable report from a gentleman whom he had only seen once when he came to the office to ask for permission to see the property.

The CHAIRMAN, in reply to a question, said that last year the company sold 315 tons, at an average of 104. 12s. 4d. per ton. They were getting about the same price now. It went up to 134, about this time last year, and afterwards dropped to 34. 10s. This company got about the highest price of any sampling in the market—(hear, hear)—a better price than Tankerville, Koman Gravels, and other mines of a similar character.

Mr. Pork moved that the report and accounts be received and adopted.—

Mr. PREEDY seconded by Mr. TERELK, Capt. Alfred and Mr. Browne, were re-elected directors.—The CHAIRMAN said he had received a letter from Mr. Browne, expressing regret that indisposition prevented him from attending the meeting.—On the motion of Mr. BENNETT, seconded by Mr. TERELK, Mr. Kemp was also re-elected auditor.

The CHAIRMAN said the fees of the directors were entered at 304l. He might mention that none of the directors had taken any of the fees in cash; he had himself drawn 50l, to meet travelling expenses of the past ~ wo years, but all the remainder of the remuneration, both his own and that of other directors, had been taken in shares of the company—that was to say, each director had received a cheque for the amount to which he was entitled, and at once paid it into the coffers of the company, taking shares to the same amount. He mentioned this because the directors did not think it right to take money out of the concern until it was showing a good profit. (Hear, hear.)

Mr. Pord said there could be no doubt whatever that the mine was a thoroughly good and sound one, and any

PRINCE OF WALES MINING COMPANY.

A general meeting of shareholders was held at the offices, Grace

church-street, yesterday,
Mr. J. Y. WATSON, F.G.S., in the chair.
Mr. C. B. PARRY read the notice calling the meeting.

A general meeting of shareholders was held at the offices, Grace-church-street, yesterday, Mr. J. Y. WATSON, F.G.S., in the chair.

Mr. C. B. PARRY read the notice calling the meeting.

The CHAIRMAR said: Gentlemen, this meeting ought to have been called earlier, but the committee were anxious to see more of the bottom level before calling you together. The expenditure has been heavy in forking the mine, and it is 15 months since the call of 7s. 6d., per share was made. The engine, with the pitwork, &c., has cost 11471. 14s. 5d.; merchants' bills in connection with buildings, and forking the mines, 10731. 3s. 10d.; labour 15 months, 22484. 15s. 7d.; purchase of mine plant, &c., from the old company, 8604; rent, 304.; purchase of mine plant, &c., from the old company, 8604; rent, 304.; purchase of mine plant, &c., from the old company, 8604; rent, 304.; purchase of mine plant, &c., from the old company, 8604; rent, 304.; purchase of mine plant, &c., from the old company, 8604; rent, 304.; purchase of mine plant, &c., from the old company, 8604; rent, 304.; purchase of mine plant, &c., from the old company, 8604; rent, 304. The second state of the property of the mine are favourable, and for the future the costs of working will be much seen the present of the mine are favourable, and for the inture the costs of working will be much seen in the second state of the mine are favourable, and for the inture the costs of working will be much seen in the second state of ROBERTS

Mr. PARRY also read the following report from Capt. Rowe, manager of Wheal

think, if properly and vigorously carried out, success will be realised.—

8. Robers?

Mr. Parry also read the following report from Capt. Rowe, manager of Wheal Crebor:—

March 3.—I duly received your letter of the 28th ult., and have since visited the mine and thoroughly discussed the following particulars with your agent:—

I find the necessary preparations for sinking the engine-shaft on a direct angle of the lode below the 90 progressing very satisfactorily, with a full staff of men, and the old "dam" in the 50 fm. level cross-cut let down, and the ground in connection with the lode and cross-courses gradually draining, which will facilitate the operations in opening out the lode below the 77 on the rich tin ground. The lode in the 90 fm. levels both east and west are improving, with fine stones of ore and tin, the values of which will be given in the official report for the meeting. The stoping ground in the back of the 90 west (now worked on tribute) is producing large rocks of rich quality tinstone, mixed with copper ore, showing the appearance of large quantities of tin ground being in reserve. Consequently no time should be lost in making the necessary preparations to increase your stamping power, and re-adjust the stamping engine and boiler, dressing-floors, &c., which will not be a very expensive matter to carry out to work with increased economy. In looking over the present position of your property, with a powerful 50 in, pumping-engine and suitable pitwork to match, for developing the mine to any required depth, with pretty nearly 2000/. worth of valuable work done, in driving the 90 fm. level over 100 fms. with pretty nearly all the ore "standing." to the 77 above (which could not be taken away by the former workers in consequence of the inefficient pumping power to keep the mine drained). Taking this view of the matter, with the engine-shaft shortly going down to strike out a deeper level, I am inclined to think that the present prospects before the shareholders are exceedingly cheerful, and th

The CHAIRMAN said he hoped this would enable them to put the mine in a

ying position.
A vote of thanks to the Chairman and directors closed the proceedings; the
LAIBMAN, in returning thanks, remarking that he was Chairman of the mine
hen it paid good dividends years ago, and he hoped to live to take the chair

The control of the c

FLAGSTAFF DISTRICT SILVER MINING COMPANY .- We are not expires on Wednesda; surprised to learn that a very general response is being made on the part of share and debenture holders in the Flagstaff Company to the offer tendered them of three new fully-paid shares at the price of 5s. per share in respect of each old share held, and one new fully-paid share at the price of 5s. for each 1l. of debentures—principal and interest—due. There would seem to be no imaginable reason

why any holder of either shares or debentures should not imme. why any holder of either shares or debentures should not immediately embrace a preferential offer so exceptional—an offer which which will possess him of shares in a new and promising company at just one-fourth the price at which these same shares are otherwise to be at once disposed of to the general public. It should be borne in mind also that the time allowed for these preferential applications expires on Wednesday next (March 9), and it is understood that no extension whatever of the time beyond Wednesday will be granted.

RIO TINTO.-Numbers are announced of the bonds of the new 5

er cent. issue, drawn to be paid off April 1.

Mr. John H. Tilly (Tilly and Co.) chartered accountant, Queen ictoria-street, has been appointed provisional official liquidator of the Moray in Mining Company.

The Goed-y-Fedw and Pant-y-Buarth Lead Company, Limited.

Capital, £25,000, in 25,000 Shares of £1 Each.

Payable 10s, per share upon application, and 5s. upon allotment, the remaining 5s. by calls of 2s. 6d. each within three months from date of allotment (if required). Discount allowed at the rate of 6 per cent. to applicants desiring to pay up in full on allotment. DIRECTORS

DIRECTORS.

JOHN CLAXTON ADDISON (Capt.), 17, Lansdowne Crescent, Notting Hill, London, W. (Director of Great Holway Lead Company, Limited).

JOHN GURNEY KELLEY BURT, Esq., Lee, Kent.

THOMAS F. GAMBLE, Esq., Ealing, W.

DAVID G. KENNEDY, Esq., M.D., 83, Jamaica Road, Bermondsey.

(W. EDWARD JOHN BARTLETT ERGS, will join the Road of text the Alleger of Company of Company of the Alleger of Company of the Alleger of Company of Company of the Alleger of Company of

(Mr. EDWARD JOHN BARTLETT, F.R.G.S., will join the Board after the Allotment of Shares).

BANKERS—THE CITY BANK (LIMITED), Threadneedle Street, E.C.

OFFICES, -30, GREAT SAINT HELENS, LONDON, E.C.

PROSPECTUS.

This company has been formed to acquire and work two extensive and valuable mineral properties, under the exceptionally favourable conditions hereinafter set forth under their respective headings.

COED-Y-FEDW.

The Coed-y-Fedw section of the property embraces a considerable tract of mineral country, most favourably situated for the conduct of mining operations, being bounded on the south by the famous Maes-y-Safn Mines, and generally surrounded by mineral grants that have produced enormous bodies of lead ore, and which, from time to time, have yielded to the various owners substantial profits, and have even during periods of commercial depression shown remunerative returns.

The most productive channel of ground was always considered, by practical authorities, to lie further northwards than Maes-y-Safn, and to include the Mold Mines, and the Denbighshire Consolidated. The operations of the latter are now affording every indication of a most operation. to include the Mold Mines, and the Denbighshire Consolidated. The operations of the latter are now affording every indication of a most promising career, but the company possessing such a large tract of ground, and only having facilities for the development of two of the veins traversing it, the directors of the Coed-y-Fedw and Pant-y-Buarth Lead Company have been enabled to secure from the Denbighshire Consolidated the right of mining to the south of its present engine-shaft. It is through the ground thus acquired that the famous Coed-y-Fedw lode passes from east to west. Upon its course several shafts have already been sunk, and one on the western extremity of the lode can at an early date be made available for operations, and suitable machinery erected thereon. From this point of the workings valuable returns of produce were made many years since, but the proprietors being unable to follow the lode in depth in consequence of having no funds with which to erect the machinery necessary for pumping the water, operations were suspended. During the past few years active mining has been so successfully carried on in the immediate vicinity of the Coed-y-Fedw lode that the workings have been drained to a considerable depth, and it is, therefore, reasonable to expect that in a few months after the formation of this company, large and remunerative returns of produce will be made. In addition to the above well-proved vein, there are several other veins of minor importance which traverse the property. The preliminary works are in a forward state towards completion, and hence the least possible delay need be expected in bringing the company into a sound dividend condition.

The salient points of the Coed-y-Fedw portion of property may be pany into a sound dividend condition.

The salient points of the Coed-y-Fedw portion of property may be taken in detail as follows:—

1.-The absence of water rendering the erection of extensive

1.—The absence of water fentering the election of extensive pumping machinery unnecessary.

2.—The number of splendid veins traversing the property, the chief one being already proved to be of exceptional value.

3.—The already advanced state of development of the property, which justifies the board in anticipating dividends at a very early

PANT-Y-BUARTH.

This extensive property is situated about 2 miles from the town of Mold, Flints, and is surrounded by some of the richest mines in the district. On the north it is bounded by the Pant-y-Mwyn, on the south by True Blue, and on the east by Vawnog, Gwern-y-Mynydd, and Cat Hole. Its length from east to west is more than 1½ mile, and its average width about 500 yards. Altogether it includes about 230 acres.

There can be no doubt whatever as to the character of the Champion lode which traverses the sett. The surface indications alone amply prove this, being similiar to those of Gwern-y-Mynydd, Cat Hole, and Pant-y-Mwyn, all of which have made their mark in the history of the successful mines of North Wales; but, perhaps, the best proof of the value of Pant-y-Buarth lies in the fact that thousands of tons of ore have been extracted from it at shallow points, and these are certain to become more valuable as greater depth is attained. Besides the main lode there are several powerful feeders or strings connected with it, and also a north and south lode which has proved very rich.

The engine-shaft has been sunk in the eastern extremity of the sett to the extent of about 120 yards (a very shallow depth when its geological position is considered), and this is the lowest point yet reached in the working of the mine. At this depth levels have been driven for some distance, east and west, on the course of the lode, and lead has been left in the western forebreast that would pay well for working even at present depressed prices.

and lead has been left in the western forebreast that would pay well for working even at present depressed prices.

Some 250 yards to the west of engine-shaft is the whim-shaft, worked by the present owners, which is down about 100 yards. At this depth they have driven a level west, with the two-fold object of proving the lode at a lower depth than it had previously been worked in this part of the mine, and also of intersecting Rowlands cross lode, which was so productive in the shallow levels. The first object has been partially realised, and a considerable quantity of ore has been obtained in the driving. With regard to the second point, the fore-breast of the level is now short of the intersection of the cross lode by about 35 yards. It presents a most promising appearance, the matrix being composed of lead, blende, carbonate of lime, and grey shale, and an early improvement in the yield of ore may be confidently expected. There is also some very nice lead in the roof a few yards back from the forebreast. It is of the utmost importance that this level should be extended further west, as it will unwater the whole of the workings in this direction, being from 30 to 40 yards

With the expenditure of a comparatively small sum of money this art of the property should turn out a great success, and alone make highly satisfactory return upon the entire capital. It is desirable that early application for shares should be made to

SECRETARY-Mr. JOSEPH WOOD.

secure an allotment, as many have been taken up by the directors and their friends.

The directors whilst calling attention to the opinions of practical mining authorities, as annexed, desire to record their belief that seldom has such an opportunity been presented of acquiring valuable properties under such favourable terms.

Prospectuses and full information on application at the offices of the company.

Mr. ABEL FRANCIS and Mr. R. PRINCE report as follows :-

Mr. ABEL FRANCIS and Mr. R. PRINCE report as follows:—
COED-Y-FEDW.

This valuable property is bounded on the north by the old Coed Cynric sett to the south by that of the famous Maesy-Safn, one of the most ancient and productive mines in the Principality, its history dating back centuries, and its monthly sales for years averaging from 100 to 200 tons; and on the east by the flat measures of Jamaica, &c., whose wealth has given to this locality so great a notoriety. The engine-shaft has been sunk to a depth of about 120 yards, and a considerable amount of work has been done in driving out level sat depths of 40, 60, 80, and 100 yards. The 80 level has only to be driven a few yards further before meeting with the run of ore proved in the 60 level, but irrespective of this the immediate prospects here are most encouraging, the end requiring to be driven only about 15 yards before intersecting a cross-lode, where, as is generally the case, valuable deposits of ore are to be found. The lode is undoubtedly a masterly one; it runs parallel to that of Maesy-Safn, and through exactly the same geological formations, the other characteristics of the two lodes, so far as this one here has been proved, are also identical. The Maesy-Safn vein in the western measures was only comparatively rich, the ore being to a great extent bunchy, its great wealth being found in the eastern ground. The Coed-y-Fedw lode has only been worked in the western measures, its most easterly working being in the 80 level, which is just about entering the richer strata of the east; from the western workings a large quantity of ore has been obtained, it is, therefore, both natural and reasonable to expect far greater results when the more productive ground is worked. We have a very high opinion of this sterling property.

SPECIAL REPORTS.

SPECIAL REPORTS.

COED-Y-FEDW.

July 20, 1880.—I inspected the Coed-y-Fedw sett on the 12th inst., and herewith beg to enclose my report. The property is bounded on the north by the Coed-Cyrric sett, and on the south by the celebrated Maes-y-Safn, which is well known to all mining gentlemen as having been one of the most ancient and productive mines in the Principality, and on the east are the flat measures of Jamaica, &c. The Coed-y-Fedw lode runs parallel with and through the same geological formations as the lodes of Maes-y-Safn, but have only been partially worked upon in the western measures, where I am informed large quantities of ore have been brained. In exploring the workings I found the lode to have been extensively worked, evidently in taking out the rich bunches of ore found here, and the lode at this place is well defined, with a northern underlie of about 2 ft. in 1 fm. The matrix of the vein showed all the characteristics of a rich producing lode. The engine-shaft has been sunk to the depth of about 120 yards from surface, and the furthest level driven is about 200 yards, so that it must be approaching the more productive measures where the Maes-y-Safn Mine was made so rich. I would advise the further driving of the level in order to come into this ground and to meet with the run of ore worked upon in the western measures, when you may reasonably expect great results therefrom, as the lode is a masterly one, and showing every indication of productiveness. Some 15 yards or 20 yards east of the present forebreast is to be seen on surface a cross lode or a heave in the main lode in a more vertical position; in either case this indicates a favourable change in the lode and is generally looked torward to as the seat of valuable deposits of ore. In conclusion I beg to say I am pleased with the appearance of the lode and the boldness of its character, and believe you will be able to make a profitable and lasting mine.

COED-Y-FEDW.

July 26, 1880.—Having on the above date inspected this property, I beg

ore. In conclusion I beg to say I am pleased with the appearance of the local the boldness of its character, and believe you will be able to make a profitable and lasting mine.

K. HOTCHKISS.

July 26, 1880.—Having on the above date inspected this property, I beg to hand you my report thereon. The sett has had a valuable acquisition made to it, and is now one of great magnitude, extending over a mile on the course of the principal lodes by half-a-mile wide, and surrounded by several of the once most celebrated mires in the district—on the south by the Mass-y-Safa Mine, for a long period renowned for its great productiveness of lead ores, on the east by the Denbighshire Consolidated and other mines, and on the north by Cathole and Gweny-Mynydd Mines, all having proved immensely rich for lead ores. The geoiogical formation, carboniferous limestone, and the natural characteristics of the surface, are identical with the above-mentioned and other profitable mines in the neighbourhood. Considerable development has been mode upon the Coed-y-Fedw and cross-lode, resulting in the return of large quantities of lead ore. The wheel-pilode is also one of great promise. The engine-shaft has been sunk upon the Coed-y-Fedw and west, at the bottom of the 100, 80, 60, and 40 yards deep, thereby enhancing the value of the mine in proportion to the work done. The 80 yards level, which has been extended east 200 yards, and within 15 yards to the junction with the cross-lode, on which a shaft has been sunk about 80 yards. The driving of this level to the junction, and the communication of the shaft with the 80, are commend an envine of moderate power to be erected upon the engine-shaft points of considerable interest, and should have first attention. I would recommend an envine of moderate power to be erected upon the engine-shaft points of considerable interest, and should have first attention. I would recommend an envine of moderate power to be erected upon the engine-shaft report states lead ore can at once be raised. The ground

PANT-Y-BUARTH. PANT-Y-BUARTH.

—The mines were some time since carried on by a few local people nemselves into a company, but death having removed some of the olders the remainder found themselves without aufficient capital who formed themselves into a company, but death having removed some of the leading shareholders the remainder found themselves without sufficient capital to continue the development operations. The set is a very extensive one, and includes all the lead-bearing measures known in the district, from those of the flat measures in the east, to the most westerly limestone productive formations. It is traversed by one of the champion lodes of the district and several parallel lodes at short distances, also a powerful cross-lode. The object of the old company was to continue the 100 yards level west to Rowland's shaft to intersect on the rise the lead-bearing measures lying below the unproductive strata through which the level had been driven, and to strike the cross-lode, intersected and proved by the shaft in question, and reported to be showing a fine body of ore. The forebreat of the level is now within 30 yards of this, and as the ground is exactly similar to that which has been so productive in the Pant-y Mwyn Mines, there is every reason to predict most profitable results from a continuation of the level west. Cross-cuts should also be thrown out from this level to intersect of ore, as they are in the same measures as those traversed by the main lode. The chief operations of the mine were carried on in the eastern end, in what may be called the second or intermediate bearing formation, but to a depth only of 120 yards. Immense quantities of lead were produced, however, and I would strongly recommend trials here, either by continuing the levele east or by sinking below the 120. Cross-cuts to intersect the parallel lodes might also be thrown out to advantage. I know of no single instance of a strong masterly lode like the one you have at Pant-y-Buarth failing to prove rich in similar measures. The Phyd-y-Mwyn lode yielded 140,000% of ore in such formations, and the Gwenny-Mynydd, Hendre, and other lodes of the district have also proved immensely rich. There is a splendid field open also in the flat measures, which imme.

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THE

EAST CHILLATON AND ATWAY MANGANESE AND FELSTONE COMPANY

(LIMITED).

INCORPORATED WITH LIMITED LIABILITY UNDER THE COMPANIES ACTS, 1862, 1867, AND 1877.

Capital £50,000, in 25,000 Shares of £2 each.

Deposit payable upon application 5s. per Share, and upon allotment 5s. per Share.

It is not intended to make calls at less intervals than three months, or of more than 10s. each.

The Company's valuable Properties have been carefully surveyed and Reported upon by the following Mining Authorities, and copies of their full and exhaustive Reports can be had upon application:

T. RICKARD, Esq., M.E. (of London), concludes a very comprehensive report—"These mines occupy the very centre of the best manganese district in Great Britain. I know of no safer or better kind of mining enterprise than manganese CAPT. WILLIAM HOOPER (of the South Devon United Mines) reports—"I would remark that looking at the large quantity of manganese that has been sold from the small amount of ground taken away, is a proof to me that if CAPT. W. DOIDGE (of the Cornwall Great Consols Mine).—"The sett adjoins the Langstone Mine on the east, and the Monkstone Mine on the south, both having returned immense quantities of manganese, whilst on the west is situated the celebrated Hogstor Mines, which have lately returned such large profits to the owners. Seeing the immense quantities of manganese returned from shallow workings, and being in the vicinity of the other productive mines referred to, R. WALTERS, Esq. (of Tavistock).—"If fairly and judiciously prosecuted you will have one of the richest and most profitable manganese mines in the district;" and, in conclusion states, "I cannot help congratuling you on possessing w. GRAHAM, Fsq., Surveyor (of London).—"The property, if properly worked, cannot fail to render the most satisfactory results. It contains all the elements of success."

WILLIAM ARTHUR, Esq. (late of Arthur and CO., Glasgow, Director of the Bodidris Lead Mining Company, Limited), 108, Holland Road, Kensington, W. ALBERT J. ATKEY, Esq. (Messrs. Atkey and Co., Steel and Metal Merchants, Contractors to H. M. Government), 33, Cornhill, London, E.C. F. PICKFORD, Esq., (late Director of the Lady Bertha Mining Company, Limited), Selwood House, Gore Road, London, E. MENRY HEYWOOD, Esq., C.E., Riversdale, Cardiff.

WILLIAM PASK, Esq., Manganese and Iron Merchant, 1, Basinghall Street, London, E.C.

BANKERS—The STANDARD BANK OF LONDON (Limited), 29, Lombard Street, London, E.C.

SOLICITORS—Messrs. PILGRIM and PHILLIPS, Church Court, Lothbury, London, E.C.

BROKERS—Messrs. CARMICHAEL BROTHERS, 13, Copthall Court, London, E.C.

CONSULTING ENGINEERS—Messrs. RICKARD BROTHERS, Mining Engineers, 35, Queen Victoria Street, London, E.C.

AUDITORS—Messrs. T. S. EVANS and CO., Public Accountants, 5 and 6, Bucklersbury, London, E.C.

SECRETARY AND OFFICES—Mr. J. ROWLANDS SPENCER, 5, AUSTINFRIARS, LONDON, E.C.

ABRIDGED PROSPECTUS.

This company has been formed for the purpose of purchasing and working the well-known and rich manganese mines of Bowden Dow, situate near Tavistock, in Devonshire, and of Langore, and the celebrated Wayy Mines, near Lanneeston, in Cornwall.

The vendors have during the last few years spent a large sum of money in opening up the Bowden Down and Langore Mines, and have raised and sold from Bowden Down considerable quantities of the richest quality manganese and manganiferous iron ore. In this latter mine a large quantity of manganese and and sold, so that profitable work can be at once entered upon. At Langore also a large lode of manganese is now exposed to view, and may be raised and sold, so that profitable work can be at once entered upon. At Langore also a large lode of manganese is now exposed to view, and can be at once broken and prepared for market.

It is, however, necessary in order to work these mines in the most expeditions and economical manner, to introduce capital for the purpose of improving the property, and also to erect the most improved appliances for the dressing of the products.

Full information will be found in the valuable reports annexed of Mr. T. Rickard, and of Messrs. B. Walter, C.E., W. Deidge, W. Hooper, W. Graham to which special attention is directed, also to the plan showing the position of the capital expended in opening up the property, and also to erect the most improved appliances for the dressing of the products.

Full information will be found in the valuable reports annexed of Mr. T. Rickard, and of Messrs. B. Walter, C.E., W. Deidge, W. Hooper, W. Graham to which special attention is directed, also to the plan showing the position of the capital expended in opening up the property, and also to erect the most improved appliances for the dressing of the production of viterified non-absorbent blue bricks, which may be made by the company's properties and the company's properties are along the production of viterified non-absorbent blue bricks, white e

ANALYSIS OF SAMP	Metallio	SE FROM BOWDEN DOWN. Phosphoric acid	0.52
Peroxide of manganese, Oxides of iron Alumina	81.29 51.38 7.24 5.06	Moisture Silica	0.61 5.27
Lime	1.68		100.00
Plymouth,	(Signed)	ROBERT OXLAND	TOR

M. H. COCHRANE, Cardiff. IRON ORE CERTIFICATE FROM CARGO AT TYNE DOCKS.

Metallic iron (when dried at 212 Fahr.)

Ditto manganese

Moisture t 212 Fahr.) 28·2
17·18
5-1
JOHN PATTERSON, Newcastle-on-Tyne.

Applications for shares should be made on the accompanying form, and forwarded to the bankers or the secretary of the company, 5, Austinfriars, Old Broad-street, London, E.C., together with a deposit of 5s. per share. Where no allotment is made the deposit will be returned in full.

The Memorandum and Articles of Association can be seen upon application to the secretary at the offices of the company, where also prospectuses and forms of application for shares can be obtained.

THE EAST CHILLATON AND ATWAY MANGANESE AND FELSTONE COMPANY.

Prominent among reasons for the formation of this company is the fact well known to those in the trade that manganese, with its rapidly extending area of consumption, and the superficial nature of the deposits which are the sources of the supply, is pre-eminently the ore of the future; and, though it will fluctuate in value with the fluctuation in the price of iron, yet its demand will remain commensurate with that of steel.

Formerly manganese was confined in its uses to purely chemical purposes, and for such uses the mines in the Chillaton district commanded the market, until about 30 years ago, when the price was greatly depressed by imports from Germany. Up to that time very large fortunes were made in the identical mines now the property of this company, and notably in Way, Langstone, and Bowden Down. Later, however, the use of manganese in Bessemer steel-making, for which henceforth this mineral is indispensible, created quite a revulsion. The German supply, instead of finding its way to England, became inadequate to home purposes, which absorb not only the quantities which used to flow into the English market, but a great deal of the Spanish ore besides. It is usual to start mines under the spur of a high price in the commodity intended to be produced. In this case it is quite otherwise. The business is founded on an estimate of profits with an unusually low market, and it is, therefore, exceptionally safe. It is worthy of special remark that there has been some of the most profitable mining in a neighbouring mine to that of Bowden Down (Chilaton Hogstor Mines, Messrs, Simons Brothers), from which it is calculated that clear profits of over 30,0004, a-year have been made. The Bowden Hill deposit yields equally good ore, and so does Wayy, with that of the Chillaton Mines, worked so successfully for the last ten years, and continuing to work.

In the opinion of the experienced manager of the Chillaton Mines, the manganese properties selected for this company are of a first-class character, and it is greatly under the guidance of this manager that they have been selected. Speaking of Wayy, Bowden Hill, and Bowden Down, this gentleman, as well as the manager of another mine (Monkstone), give it as their opinion that it is ground scarcely inferior to that of Chillaton, and, therefore, to none in the county.

spearing of Wayy, Bowden Hill, and nowden bown, this ground scarcely inferior to that of Chillaton, and, therefore, to none in the county.

The reason why the Chillaton property has been worked is said to be, and no doubt is, that whereas all the other mines in the district require pumping machinery or expensive work in adit drainage, this piece of ground, on the contrary, was already drained by adits, and has continued to work without the intervention of pumping machinery. A very important circumstance, when as formerly the working was intermittent. To drain Bowden Hill and Bowden Down, and to provide for taking awny the ore in an efficient manner, expensive work was undervide for taking awny the ore in an efficient manner, expensive work was undervide for taking awny the ore in an efficient manner, expensive work was undervide for taking awny the ore in an efficient manner, expensive some support of the company of the co

New Wheal Leisure.—This property is situated near Bolingey, in the parish of Perranzabuloe. Here Mr. N. Hosking and one or two other gentlemen have done good work in clearing adits, shaft, &c., and are likely to be well rewarded for their pluck and outlay, as they have found a lode in the 8 fathom level 6 ft. wide and worth for tin (according to stuff they have raised and sampled from it) fully 20%. For fathom. Mining in this neighbourhood is beginning to look up again and it is likely that the good old days will return again similar to those when Wheal Leisure and Perran Great St. George (on parallel lodes to those of New Wheal Leisure) gave hundreds of thousands of pounds to the fortunate shareholders. sands of pounds to the fortunate shareholders.

The Flagstaff District Silver Mining Company, Limited.

INCORPORATED UNDER THE COMPANIES ACTS, 1862 TO 1880.

Capital £160,000, in 160,000 Shares of £1 each.

Professor M. C. VINCENT, 127, Strand, W.C. W. H. BENNETT, Esq., 17, Talbot Road, Bayswater, W. G. BURNELL, Esq., Rook's Nest, Banstead, Surrey. A. MUNKITTRICK, Esq., 32, West Cromwell Road, South Kensington, S.W. J. V. SMEDLEY, Esq., Oxford and Cambridge Club, Pall Mall, S.W.

BANKERS-Messrs. SMITH, PAYNE, and SMITHS, 1, Lombard Street, E.C. SOLICITORS—Messrs. LOUSADA and EMANUEL, 15, Austinfriars, E.C.
ALEXANDER KERLY, Esq., 14, Great Winchester Street, E.C.
AUDITORS—Messrs. PRICE, WATERHOUSE, and CO., 44, Gresham Street, E.C.

SECRETARY-CHARLES JAMES CADOGAN, Esq.

OFFICES-20, BUCKLERSBURY, E.C.

The company is formed for the purpose of purchasing and developing the property known as the Flagstaff, Virginia, and South Star and Titus Silver Mines, the greater portion of which was formerly the property of the Flagstaff Silver Mining Company of Utah (Limited), now in liquidation.

The Memorandum of Association contains powers for the company to acquire other mines and interests. This power will be exercised should opportunities occur for doing so with advantage to the company and Mr. McCornick to Prof. Vincent, and from him to the company. The

pany.

The quit claim title of the American Mining Company and that of

McCornick to the property has, after local in-The quit claim title of the American Mining Company and that of their President, Mr. McCornick, to the property has, after local investigation and approval by Judge Gilchrist, of Salt Lake City, an American lawyer of high standing, been recently purchased for £27,500 by Prof. M. C. Vincent, late Chairman of the old Flagstaff

£27,500 by Prof. M. C. Vincent, late Chairman of the old Flagstat Company, who has agreed to transfer the same to the present company. The consideration for this transfer is as follows:—

(a) £27,500 cash, which will be provided out of the moneys remaining to be called up on the undermentioned partly-paid shares, and will be repaid to the combination of capitalists who enabled Prof. Vincent to carry out his purchase.
(b) The allotment to Prof. Vincent of 11,000 shares, issued as having 18 preschare paid up and which he proposes transfer.

having 18s, per share paid up, and which he proposes transferring to the same body of gentlemen as fully paid shares on their paying up by his direction to the company the remaining 2s. per share.

The allotment to Prof. Vincent of 5000 fully paid shares.

The allotment to Prof. Vincent of 134,000 shares, issued as having 15s per share naid up, and which he proposes salling.

having 15s. per share paid up, and which he proposes selling shares will as fully paid shares, giving a preference to the applications agreements.

the transfers of the same from the American Mining Company and Mr. McCornick to Prof. Vincent, and from him to the company. The amount of the 2s. and 5s. per share respectively remaining to be called up on the 11,000 and the 134,000 shares will provide sufficient to pay the £27,500 cash and the expenses, and will leave a balance towards working the property, independently of the remaining 10,000

Prof. Vincent's knowledge of the property, and his prolonged efforts in the interests of the share and debenture holders in the old com-

in the interests of the share and debenture holders in the old company, eminently qualify him for a seat at the board, and his name will accordingly be found in the list of the directorate.

The following agreements have been entered into (copies of which, with the Memorandum and Articles of Association, may be seen at the offices of the company, or of the solicitors to the company):—An agreement dated 2nd December, 1880, made between M. C. Vincent of the one part, and John Campin Newman and 33 other persons, whose signatures are appended to the said agreement, of the other part. An agreement dated 17th January, 1881, between the said M. C. Vincent of the one part, and Charles James Cadogan, trustee for the company, of the other part, and all applicants for shares will be taken to have notice of the contents of both those agreements.

Mining Correspondence.

BRITISH MINES.

ASSHETON.—J. Garland, March 2: The 60, east of boundary shaft, was driven last month 3 fms. 7 in; the lode is about 2 ft. wide, and yields irregularly good blende and occasional stones of lead ore; the driving has been reset to four men, at 6l. per fathom. The 92, east of boundary shaft, was driven 1 fm. 1 ft. 3 in; the lode is 2½ ft. wide, and contains spots of lead ore; the end has been reset for 2 fms., at 8l. per fathom, to four men.

BEDFORD UNITED.—R. Goldsworthy, March 2: Bridge Lode: Good progress is making in sinking McCallan's engine-shaft. The lode is 5 ft. wide, and worth 20l. per fathom—a very fine, promising lode. North Lode: The lode in the 127 east is still worth 20l. per fathom. No change to notice in any other part of the mine.

the 127 cast is still worth 20. per fathon. No change to notice in any other part of the mile. Brokenshier, March 3; to work at surface and underground is going on satisfactority. We are driving on a very promising branch of ore in the cross-course interacting Web35 hole, in the 18 fathon in why, and have we shall very shortly intersect other lodes, and thus open up the mine in depth, as is an advantable. We are clearly the ground at the month of the deep firm as is an advantable. We are clearly the ground at the month of the deep firm at a still greater depth; this will give us pulte 69 fathoms of backs, and has work much to be roomed.

He was all the still greater depth; this will give us pulte 69 fathoms of backs, and has work much to be roomed.

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both 40 and 50—much faster. The pulley stands are now all erected from the whim engine to the shaft, so that now with the assistance of this engine we shall be able to get on much faster with the work.

DEVON GREAT CONSOLS.—Isaac Richards, March 3; Wheal Josiah: In the 144, east of Ritchin's shaft, on the south lole, the lode is 3 ft, wide, producing

DEVON GREAT CONSOLS.—Isaac Richards, March 3: Wheal Josiah: In the 144, east of Hitchin's shaft, on the south lode, the lode is 3 ft. wide, producing saving work of copper and mundic ores. In Penrose's winze in the bottom of the 144, west of Agnes' shaft, on the south lode, the lode is 2 ft. wide, composed of capel, quartz, peach, mundic, and a little copper ore.—Wheal Emma: Inclined Shaft: In the 190, east of Daw's cross-out, the drivage is being continued by the side of the lode for more speedy progress. In the 137 cast, east of Friend's cross-out, the lode is 5 ft. wide, composed of capel, quartz, peach, fluor, prian, mundic, and some copper ore of good quality.—New Shaft, New South Iode: In the 205 west, on the north part of the lode, the lode is 4 ft. wide, composed of capel, quartz, peach, mundic, and a little copper ore. In the 75 cast, on the north part of the lode is 3 ft. wide, and worth 1 ton of copper ore and 2 tons of mundic per fathom. In the 115 cast the lode is 4 ft. wide, composed of capel, quartz, peach, and a little of both copper and mundic ores. In the cross-cut north at the 100 cast the ground is tolerably favourable for progress. In the 90 cast the lode is 3 ft. wide, producing a little mundic and copper or: of good quality.—Railway Shaft: In the Railway shaft, now down 5 fms. 3 ft. 6 in. below the 190, the ground is not quite so favourable for progress. In the 90 west, on the north part of the lode, the lode is 1 ft. wide, producing a little copper and mundic ores. In James's winze, in the bottom of the 190 west, on the north part of the lode, the lode is 1 ft. wide, and worth 4 tons of copper ore and 2 tons of mundic per fathom. In the 175 west, on the south part of the lode, the lode is 4 ft. wide, and worth 4 tons of copper ore and 2 tons of mundic per fathom. In the 175 west, on the north part of the lode, the lode, the lode, the lode, and worth 4 tons of copper ore and 2 tons of mundic per fathom. In the 175 west, on the north part of the lode, the lode, the lode is 3 ft. wide, and

and 3 tons of mundic per fathom. In the 180 west, on the south part of the lode, the lode is 5 ft. wide, composed of capel, quartz, peach, and produces small quantities of mundic and copper ores. In Short's winze in the bottom of the 180 west, on the north part of the lode, the lode is 4 ft. wide, and worth 3 tons of copper ore and 2 tons of mundic per fathom. In Clarke's winze in the bottom of the 185 west, the lode is 4 ft. wide, producing some very good mundic and a little copper ore.—Watson's: In the engine-shaft, now down 4 fms. 5 ft. below the 76, the ground is a little more favourable for progress. In the 76 west the lode is 2 ft. wide, producing a little copper and mundic ores.

EAST LONG RAKE.—H. B. Vercoe, March 2: Saturday last being our monthly measuring and setting day the following bargains were let:—The 50 cross-cut to drive south towards 6 in lode, stented the month, or cut the lode, at 112 per fm; there are six men employed in this end; you will observe I have reduced the price 2. per fathom, the former price having been 132, per fathom; the ground in the end indicates our near approach to the lode, and I have not the least dout when intersected it will prove to be rich. The 50 to drive east on the course of the middle lode by six men, at 62. 10s, per fathom; lode about 2 ft. wide, of acy promising appearance, and mixed throughout with lead, the whole being saving stuff for the dressing-floors; I am expecting daily a great improvement in this end every fathom that is being driven towards the junction of this east and west, and the Wagstaff lode. No. 1 pitch in the roof of the 50 fm. level east, by four men, at 7. per ton of lead ore; the ment to wheel, fill, land, and dress at this price. The lode is producing 10 cwt. of lead ore per fathom. No. 2 pitch in the roof of the 50 fm. level east, by four men, at 7. per ton of lead ore; and the same conditions as No. 1 pitch. The lode produces 14 cwt. of lead ore per fathom. As and dress at this price. The lode is producing 10 cwt. of lead ore per fat

hace until a change sets in. We can soon get the engine and machinery at work when we commence, and this is all that is required to prove that the mine is a rich one.

EAST ROMAN GRAVELS.—Arthur Waters, March 3: The 109 cross-cut continues to penetrate massive slatey beds characteristic of the district, and I see no reason at present why the lode should not be found productive when intersected. The lode in the 97 south is 3 ft. wide, yielding some good lead ore and blende stuff, and looks like improving shortly. The 88, going north of junction on the footwall part of the lode is worth I ton per fathom. The winze in this level by the side of the lode is down 2 fms. 2 ft. The two stopes in the back of this level—one north and the other south of winze—are together worth 5 tons of ore per fathom. Tribute department as for some time past. We have to-day sampled 40 tons of lead ore for sale next week.

EAST VAN.—W. H. Williams, March 3: The cross-cut B B is driven 53 fms. 2 ft. The end at present is driving in similar ground to that which we had in the brook for 5 fms. south of the lode, and contains at times nice spots of lead and lets out water. Cross-cut E E is driven 20 fms. 3 ft. During the past week we have seen a few spots of lead and copper.

EAST WHEAL CREBOR.—George Rowe, March 2: There is no particular change in this mine to report since my last.

EAST WHEAL CREBOR.—George Rowe, March 2: Lode in No. 2 stope, on great caunter, is 11 ft. wide, and worth about ½ cwt. of tin to the ton of lodestuff. Lode in No. 3 stope, on the great caunter, is 6 ft. wide, containing good work for tin. The lode in No. 4 and No. 1 stopes continue to yield good work for tin. The lode in No. 4 and No. 1 stopes continue to yield good work for tin. The branch of tin that we cut in enlarging the plat still continues, and we have some good stamping work from this point. One of the branches is from ½ in. to 1 in. wide, pure tin, but the lode altogether is several feet wide, and contains good work throughout. All other points are the s

is from ½ in. to 1 in. wide, pure tin, but the lode altogether is several feet wide, and contains good work throughout. All other points are the same as last reported on.

GAWTON COPPER.—G. Rowe, G. Rowe, jun., Peb. 28: We are very pleased to report the lode in the 117 east to be showing such cheering improvements during the past week, which is now 6 it. wide, and worth 25% per fathom. The lode in the stope in the back of the same level is worth 18% per fathom. The lode in the 105 east is also improving, yielding 7 tons of ore and mundic per fathom. The lode in the tope in the bottom of the 105, cast of cross-cut, is worth 20% per fathom. No. 2 stope in the bottom of the same level is worth 18%, per fathom. All other points are without change. Our new buildings in preparing the arsenic works are progressing very satisfactory.

GLASGOW OARADON.—W. Taylor, W. J. Taylor, March 1: The sinking of the engine-shaft is progressing favourably; it is now down nearly 11 fms. below the 102 fm. level. We hope to complete the sinking, or nearly so, this month. We have just cut a branch containing some good ore in the shaft; this is one of the branches cut in the 102 cross-cut, south of the south, lode, to prove if there are any more lodes in this direction. This is a very important point, being all in new ground. We have just cut a branch here containing some good ore, but shall not stay to open on it now. We have commenced a winze in the bottom of the 78, coming down on the 99, west of the north lode, worth 8% per fathom. The stopes throughout the mine are not looking so well, varying in value from 6% to 10% per fathom. He stopes throughout the mine are not looking so well, varying in value from 6% to 10% per fathom. He stopes throughout the mine are not looking so well, varying in value from 6% to 10% per fathom. In the 108 cross-cut, south of the shaft, and not much has been done since last report in the very bottom. In the 108 north and the 60 north the same promising lode continues as reported last week—large—and carryi

a little blende in both ends.

GORSEDD AND MERLYNN.—W. Edwards, March 3: We continue urging on the driving of the 70 east level, and shall continue doing so until we strike the great east and west lode. The various branches still cross the end, and there is every indication of the richness and strength of the lode passing through our ground. In the 70 west level the men are driving south on the top of the richness and strength of the lode passing through our ground. In the 70 west level the men are driving south on the top of the richness in splendid ore. I look for a further good discovery in this portion of the mine. I am very glad to tell you the lode in the 90 west is improving, and contains good lead and blende. We shall urge on a great speed, so you may look for good results, as we shall not only intersect the north and south vein, and thereby be able to ralse hundreds of forns of lead, but other runs of ore dipping from west to east, after we have driven a short distance. In the bottom of the 70 we have four men raising lead. The lode is worth 1 ton to the fathom. In the roof of the 70 east the lode is worth ½ ton of lead to the fathom. No. 2 stope in the back of this level is worth 1 ton of leed to the fathom. No. 2 stope in the back of this level is worth 1. 10s. per ton. We are busy on the floors, and I hope to have another sampling in the next fortnight.

GREAT DYLIFFE.—E. Evans, March 2: Setting Report: Dyliffe: The stope over the adit. east of cross-cut, is set to two men, at 40s, per fathom, and 40s, per ton of ore, worth about 10 cwts, per fathom.—New Lode: Two men are stoping above the adit on this lode for Alfred's shaft, at 40s, per fathom, the ventilation not being good enough in the stope we have two men fixing doors, key, out the adit to turn the afr into it. The lode was taken down here a few days since, and we had a very nice lot of stuff to send to the dressing-floors from it, and it still looks very good; we shall be sadly disappointed if there is not a good future to this lode.—Helewed

and 14 at 100s, per ton. The weather has been very bad for dressing for some days, but looks improving. We sold yesterday 30 tons, to Messrs. Goodhart and Co., at 104. 5s. 6d.

GREAT HOLWAY.—Wm. T. Harris, March 3: Monthly Report: Roskell's Shalt: The cross-cut driving south at the 110 has been extended 3 fms. 2 ft.; the ground is precisely of the same character as last reported, but the branches of earbonate of lime are becoming more frequent, which leads me to think an important change may shortly be expected; present price for driving 152, per fm. In the 30 cross-cut, to intersect the south part of the lode, the ground is hard for progress; I will report more fully upon this point in my next.—Brammock Shait: Pithead has been creeted, and the shaft repaired for winding from the 60 yard level by the portable engine at Garden shaft. The pitch in the bottom of the 40 is producing 10 cwts. of lead and 1½ ton of blende per fathom; ste to four men, at 52, and 22, per ton respectively. The pitch in the bottom of this evel, on north lode, is worth 3 tons of blende per fathom; the men at present are employed clearing a winze, which I may think it advisable to communicate with the 80 for ventilation, and convenience in bringing the stuff to shaft. No. 1 pitch, in back of the 60, is producing 10 cwts. of lead and 1 ton of blende per fathom, by two men, at 52, aper ton for lead and 40s, per ton for blende, and worth 15 cwts. the former and 10 cwts. the latter per fm. Other pitches could be worked at this level were it possible to keep away the stuff.—Garden Shaft: The 55 yard level, No. 2 winze, and level has been extended 3 fathoms; the lode is at present worth 1½ ton of lead and 1½ ton of blende per fathoms; the lode is at present worth 1½ ton of lead and 1½ ton of blende per fathom, thus showing an improvement, and prospects are most promising for still better result; set to five men, at 72, per fathom. The cross-cut west has been driven 1 fathom; ground rather difficult for progress; in another 6 ft. we expect to int

2 tons of blende per fathom. Nothing further can be done in either pitch until the enormous quantity of stuff is removed—in fact, we are almost crowded out at all points, in consequence of the accumulation of stuff, both lead and blende. The weather has considerably interfered with dressing and other surface works, and at present it is most severe. We have sold 25 tons of blende, at 3t. 4s. per ton. A second parcel of 25 tons of lead this day, at 3t. 5s. per ton; 16 tons of lead, at 1t. 5s.; and to-day 12 tons of lead, at 1t.; and have ready for passing through the crushing machinery about 100 tons of blende and 60 tons of lead after the above parcels have been delivered. Shall use all dispatch in preparing another parcel of each metal as soon as possible.

GREAT WEST CHIVERTON.—J. Curtis, March 2: We are making good progress in driving the deep adit west, and the lode is looking much the same as in my last report. We have set to the men at 3t. 15s. per fathom.

GREEN HURTH.—Wm Vipond, Feb. 25: We shall finish taking up the sole of the standage level south to-day, and shall be able to commence next week with taking down the roof to form the opening level. The standage level north has improved again; there is more width of vein, and better ore; it is now vielding 5 tons of ore per fathom. The stope above the 30, north of Swan shaft, is yielding 1½ ton of ore per fathom. The stope in the sole of the 30, going on to Robinson's sump, is yielding 10 cwts, of ore per fathom. The sides of the stope above the 30 near Robinson's sump, is yielding 10 cwts, of ore per fathom. The sides of the stope above the 30 near Robinson's sump, is yielding 15 tons of ore per fathom. The stope in the sole of the 30, going on to Robinson's sump, is vielding 10 cwts, of ore per fathom. The sides of the stope above the 30 near Robinson's sump, is vielding 25 tons of ore per fathom. The sides of the stope above the 30 near Robinson's sump, is vielding 25 tons of ore per fathom. The sides of the stope above the 30 near Robinson's sump, is

resh weather here yet.

GUNNISLAKE (Clitters).—W. Skewls, J. C. Seccombe, Feb. 28: The 224 east
and west is worth 34, per fathom. No alteration in the 212 since last report,

The 200 west is worth 14l. per fathom, and the rise in the back 35l. per fathom. In the 188 east we are through the cross-course, and find the lode there to be 3 ft. wide, composed of quartz, capel, oxide of iron, and saving work for copper ore—altogether such as we believe will speedily open out a good lode of copper ore. In the western end of this level it is worth 7l. per fathom. In the rise in the back of the 176 east the lode is worth 14l. per fathom. No particular change in the stopes. The new side lode in the 183, driving west, is over 8 ft. wide, and now worth 30l. per fm., with every prospect of improving. The rise on this lode is worth 35l, per fathom. No further alteration in the cross-cuts to report at present. Full particulars will appear in the report for the general meeting with regard to sampling and other matters.

HINGSTON DOWN.—R. Richards, March 2: No. 1 lode, in the deep adit level, east of the south cross-cut, is composed of capel, quartz, prian, and mundic, with occasional stones of black and yellow copper ore. No. 2 lode, in the deep adit level, east of the south cross-cut, and east of the cross_course, is producing in places stones of mundic and yellow copper ore. The engine-shadt is down below the deep adit level 9 fms., the sinking of which is going on very satisfactorily, and the lode continues to produce a little good saving work for copper ore.

KIRK MICHAEL.—R. Rowe, March 1: We started to drive out the ends very continuation of the deep adit level.

copper ore.

KIRK MICHAEL.—R. Rowe, March 1: We started to drive out the ends yesterday at the bottom of the sump, and in each end the lode up to this afternoon is looking well. We, however, continue to have hard frost, and there is now \$\psi_{\text{in}}\$ of snow at the mine.

LADYWELL.—A. Waters, March 3: Fair progress is being made in the drivage of the adit south of cross-course south of the new shaft, and the end is strill eltting out a good flow of water. There is no change to notice in the lode since last reported.

last reported.

LADY BERTHA UNITED.—Thos. Neil, March 3: I am pleased to say whave to-day forked the water to the 30, where I have found a good lode west of shaft, that will produce 10 tons of mundic per fathom; and as soon as I can get thoroughly into this level I hope to report of some good discoveries. The stopes are yielding fair quantities of mundic. The one in the back of the 20, west of shaft, is producing 10 tons of mundic per fathom. In the end in this level west the lode is 4 ft. wide, and worth 8 tons of mundic per fathom, with fine stones of copper ore; it is a fine promising looking lode. All our surface operations are progressing favourably.

the lode is 4 ft. wide, and were seven as a many of copper ore; it is a fine promising looking lode. All our surface operations are progressing favourably.

LEAD ERA.—J. A. Ede, March 3: The ground continues to improve in our eastern driving, while there is no particularly marked improvement since last week. I can fairly say the improvement noticed then is well sustained.

LOMAX.—Wm. Argall, March 2: Very fair progress is being made in driving on the Tatie-pie lode, which is over 2 ft. wide, saving work, and we are getting on a nice pie of iron ore and silver-lead stuff.

LOVELL (THE).—J. Prisk, March 3: The following is a copy of our setting, which took place on Saturday last:—The 40, to drive east of Hownan shaft by four men, at 13t, per fathom, lode 4 ft. wide, producing low quality tinstone. This end has been poor for several months, but the recent improvement indicates that we are nearing a fresh run of good tin ground. The sump winze, to sink below the 40 by 12 men at 26t, per lathom, lode 6 ft. wide, worth 15t, per fathom for length of winze. The rise in back of 40, east of Hownan shaft, by six men, at 18t, per fathom, lode 9 ft. wide, worth 18t, per fathom. The stope in back of 40, cast of said rise, by four men, at 9t, per fathom, lode 6 ft. wide, worth 13t, per fathom of stuff; lode 9 ft. wide, worth 10t, per fathom. On the whole the mine is looking much better.

in back of 40, east of said rise, by four men, at 9t, per fathom, lode 6 ft. wide, worth 13t, per fathom; four men to stope in back of 40, east of engine-shaft, at 5s, per ton of stuff; lode 9 ft. wide, worth 10t, per fathom. On the whole the mine is looking much better.

MELLANEAR (Copper).—John Gilbert, March 2: Gundry's Shaft: The 30, driving west of shaft, on the south part of the lode, was driven last month 2 fms. 3 ft. 4 in.; the lode is 3ft. wide, and yielding 1½ ton of ore per fathom. The 60, west of shaft, on the main lode, was driven 3 fm. 1 ft.; the lode is 2½ ft. wide, and yielding good stones of copper ore, with occasional stones of lead and blende. The 80, west of shaft, on the main lode, was driven 3 fms. 1 ft. 5 in.; the lode is 2 ft. wide, and yielding ½½ ton of ore per fathom. The 90, west of shaft, on the main lode, was driven 3 fms. 1 ft. 5 in.; the lode is 2 ft. wide, and yielding 2½ tons of ore per fathom. The 100, west of shaft, was driven 1 fm. 0 ft. 9 in.; the lode is 5 ft. wide, and yielding 1½ ton of ore per fathom. The 101, west of shaft, was driven 2 fms. 1 ft. 2 in.; the lode is 4 ft. wide, and yielding 1 ton of ore per fathom. The 70 cross-cut, north of the skip-shaft, was driven 3 fms. 3 ft. 8 in.; the ground is easy for driving and mineralised throughout, and we are frequently meeting with small vehso f copper ore. The winze in the bottom of the 40, west of Gundry's shaft, was sunk 5 ft. 6 in.; the lode is 5 ft. wide, and yielding 4 tons of ore per fathom. The winze in the bottom of the 70, on the main lode, was sunk 1 fm. 1 ft. 6 in.; the lode is 2 ft. wide, and yielding some saving work for copper ore. The winze in the bottom of the 70, on the main lode, was sunk 2 ft.; the lode is 5 ft. wide, and yielding 2 tons of ore per fathom. Gundry's shaft, was sunk below the 110 fm. level 1 fm. 0 ft. 5 in.; the ground is a little better for sinking, but the shaft is still in the elvan course. The old engine-shaft was sunk below the 100 fm. level 3 ft. 2 in.; the part of the lode carryi

ported. We have very nice-looking ground in the end driving in the 43, and judging from present appearance we ought to have a good lode soon in this direction.

MYNYDD GORDDU.—J. G. Green, March 2: The shaft is down 11 fms. below the 34, and good duty is being done in it; the rock is all that can be desired for the production of large masses of ore. There is no alteration in any of the othe bargains calling for remark since my last.

NEW BRONFLOYD.—Thomas Kemp, March 3: Setting Report: North Lode: Ten men to stope over the 52, east of No. 3 shaft; the lode here is not looking quite so well, worth for the width (18 ft.) 20 cwts. of lead ore per cubic fathom.—Middle Lode: Two men to stope down the north part of the lode in the intermediate level (the 63) west of cross-cut, at 140s. per cubic fathom; the lode is producing a strong mixture of ore and saving work for the dressing-floors. Two men in this same level to drive east of said cross-cut back towards the slide on the south part of the lode, at 10t, per fathom; the lode is composed of killss, carrying nice strings of ore of a favourable description. The stopes over the 52, west of No. 2 shaft, is let on tribute to four men for two months, at 160s. per faintom; the ore to be made marketable. Four men to continue the 52 end, west of Lloyd's cross-cut, has been extended during the removal of stuff, stent the month; the part of the lode carried by this drive is chiefly of killas, carrying ribs of ore, worth for the width of level (5 ft.) 20 cwts, per fathom. The cross-cut from the 52, west of No. 3 shaft, to communicate with the 52 end, west of Lloyd's cross-cut, has been extended during the past month 2 fms. 4 ft., but owing to the hard nature of the ground progress made here has been slow. I expect after this lode has been extended during the past month 2 fms. 4 ft., but owing to the hard nature of the ground progress made here has been slow. 1 expect after this lode has been extended 2 or 3 fms. further it will enter more favourable ground. The parcel of slive

NEW WEST CARADON.—N. Richards, March 1: We have pretty much water to contend with in the winze sinking below the 55 on main lode; the men, how ever, are making fair progress, and I am satisfied it will be down the required depth before the 38 cross-cut driving south of Hallett's shaft reaches this point. The caunter lode is not producing so much ore as for some time past, but is still large and has a very kindly appearance, and we are pushing on this end to reach the point of intersection before referred to. The last branch intersected in the point of intersection before referred to. The last branch intersected in the 38 cross-cut is composed principally of fluor-spar, and rich yellow copper or, with water issuing freely from the same, which I am pleased to see, and as It is I kely this branch in 4 or 5 fms. driving will unite with a branch intersected a few weeks ago, I think there is every probability of our then having a productive lode; and, as we have a long run of virgin ground both east and west of this point, we have every reason to expect large quantities of ore will be met with. I would here remark that the cross-cut mentioned above will intersect four or five known lodes, which have proved so profitable on the eastern part of West Caradon Mine, and which run through the entire length of this sett, the cutting of which will also be of great importance to West Caradon, as in places the cross-cut is only 15 or 20 fms. west of the boundary.

NORTHERN LEAD.—T. Tonkin, March 3: In the 42 the drivage west from the ground is a little harder, but is still poor for progress; the drivage eastward vielus 6 owts, of ore to the fathom. The drivage at he west section in this same sill is opening out some likely ground that does not yield ore to value. The stopes on tribute west section are yielding their usual quantity of ore 20 cwts. to the fathom, including full width of stones. The tribute ground east section peed.
NEW WEST CARADON.—N. Richards, March 1: We have pretty much water

vields 6 owts. of ore to the fathom. The drivage at ehe west section in thissame sill is opening out some likely ground that does not yield ore to value. The stopes on tribute west section are yielding their usual quantity of ore 20 cwts, to the fathom, including full width of stopes. The tribute ground east section has improved since the setting, and is now yielding 14 cwts. of ore to the fathom. The tribute ground at No. 12 west section yields 6 cwts. of ore to the fathom. In the 25 the rise east section to prove the taft is yielding a little ore, but not to value; the ground looks favourable an improvement. The tribute ground in the bottom of this level looks favourable for the production of ore; the present yield is 10 cwts. to the fathom. The cross-cut from the side vein is in hard limestone, with small veins of lead ore in irregular form penetrating the mass, and indicative of the proximity of a lode. The tribute ground in the adit level yields 8 cwts. of ore to the fathom. Sewere frost and heavy snowstorms continue to visit us without abatement, and dressing is thereby greatly retarded. NORTH D'ERESBY MOUNTAIN.—R. H. Vivlan, March 3: The shaft coming down to No. 1 level has been very bad for progress the past few days, being very

NORTH DERESBY MOUNTAIN.—R. H. Vivlan, March 3: The shaft coming down to No. 1 level has been very bad for progress the past few days, being very short for blasting; consequently we shall be longer in completing this work than I at first calculated. The men have a bargain at 44, per fathom, and doing badly at that price; the nature of the ground is so much against them. The lode has improved for lead since I wrote last. I am of opinion that this hanging art of the lode we are now bringing down has gone off in the north-east side, and has not been seen in the level below. This taking down of the hanging side has proved the lode further than if we had made the rise part of the shaft, believe this branch of the lode will form into one good vein below the No. 1 addit level. We have a good sample of the vein to be seen on surface. The difference between the ore from the rise and that from the shaft is very plain for any one to see. The No. 2 men are still wheeling from the No. 1, as more stuff must come out from the rise to make room for the shaft.

NONTH HERODSFOOT.—T. Trelease, March 3; In the 80 we have taken down

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a piece of lode for about 2 fms. in length, yielding about 10 cwt, of lead ore per fathorn. It still continues to go on in the side, and remains at the same value. First pround is whole above and below, and I am hoping this will turn out a profitable piece of ground. Our surface operations continue as reported last week. Since the I was a constituent of the continue as the provided of the continue as the provided in the provided in the provided in the ground is easier for driving at present. There is no change to note with the tributers. We have 8 tono 10 lead dresses. We bored a hole into another NoRTH PENSTRUTHAL.—S. Dawny non, and hope to see sufficient of it to give particulars by a hope to get the new one in and working by Thursday or the white menous and the control of the week. We have commenced taking out to give particulars by a hope to get the new one in and working by Thursday or Friday.

S. Davey, March 2: We have ent into the lode about 2 ft., and so far it is composed of mundic. This is in advance of the new lost 6 fms., in the 55 crossett north. We hope to cut through if by the end of the week. A very kindly looking lode. Nothing new in other points.

OKEL TOR.—H. Bullord, June back of the 80 against the wines, sinking in the bottom of massional good rocks of copper ore, and in the wines the part of fathon, and relation. In the 55 driving west, and 15 ims. west of the winze the part of fathon, and cashonal good rocks of copper ore, and in the winze the part of including the control of the state of t

ore per fathom. Other points looking well. Smelting operations daily proceeded with.

PENHALLS.—S. Bennetts, R. Harris, Feb. 26: The lode in the 70 east end is cut off by a small fault, and is not yet found in the end on the other side. The 50 east end is worth 10\cdot per fathom. The 55 east is producing low quality tinstuff. The 50 west is worth 5\clot per fathom, and the 45 west \(\cdot \clot t\). Per fathom. PENNANT.—March 3: The lode in the 80 west is the most compact I have ever seen in the mine; it is 4 ft, wide, carrying blende, lead ore, and carbonate, and there is a cavity in the footwall 4 in, wide, into which I can see about 6 ft, I am expecting the lode in the forebreast will form a junction with the south vein, which we know has good lead ore in it, and it is only reasonable to expect that after we have advanced our 80 fm, level west end a little further this innetion will result in a great deposit. The stopes in the various levels are looking exceedingly well, turning out large quantities of mineral, which is being dressed as fast as possible. There is waiting for the crusher some splendid lead ore, nearly all of which has been got in driving tho 80. Amongst it are some sales of lead weighing many pounds, and likely to turn out well when dressed.

dressed.

PEN-YR-ORSEDD.—G. Bellis, R. Prince, March 3: We have extended the 150 cross-cut north 15 yards, and have, therefore, 6 yards to drive before intersecting the middle lode; the ground is of a highly congenial nature through which we are driving, and we feel confident the lode will be found rich. In the 150 cross-cut south good progress is being made, and we have employed all the men it is possible to find room for, as we are very anxious to be at work upon two out of the several lodes that will be intersected by the present cross-cuts. The engine has plenty of winding work to do, and everything is in good order.

which we are driving, and we feet confident the lode will be found rich. In the 180 cross-cut south good progress is being made, and we have employed all the men it is possible to find room for, as we are very anxious to be at work upon two onto the several lodes that will be interescied by the present cross-cuts wo did not have been any lead to the control of the

have ic-day sold 100 tons of lead ore for 10121. 10s., and sampled 100 tons for sale on Thursday next.

SOUTH CONDURROW.—W. Rich, W. Williams, H. King, March 2: The lode in the 40, cast of engine-shaft, is worth 82, per fathom. The following the end is worth 102, per fathom. The 50 end east is worth 102, per fathom. The 50 end east is worth 122, per fathom. The 50, exest of Plantation, is worth 52, per fathom. The 70 exat of engine-shaft, is worth 62, per fathom. The ground in the winze below the 70 is worth 102, per fathom. The 80 end east is poor. The 80 west is worth 82, per fathom. The 93 end east is worth 102, per fathom. We are urging on the sinking of Marshall's shaft in the western ground, and good progress is also being made in the rise towards it.

SOUTH DARREN.—Henry James, March 3: In going through the mine yes-

terday I noticed change only in such points as are named herein. In the 120 est we have broken a little into the lode, and so far as seen it is looking very lode standing by the side lead, and has every appearance of a strong and orey lode standing by the side lead, and has every appearance of a strong and orey lode standing by the side lead, and has every appearance of a strong of the lode in the 110 east is disturbed a little by a crose joint, but from appearances it is only temporary. We have broken some lode to prove it in the 110 west, and it is very good for lead. The 110 east from it of lead ore per fathely the lode is the strong of lead ore per fathely criteria in a strong and good lode, worth from 1 to 155 ton of lead ore ore fathely criteria in a strong and good lode, worth from 1 to 155 ton it is usual. If the weather will permit we intend sampling ou Saturday 20 tons silver-lead ore, for sale on the 11th inst. During the past week we have had frost and snow, which has somewhat hindered dressing operations. Last night and consequently we are my and the least are full with frost and drifted snow.

When the wind has gone down we shall be able to clear the water-courses. I hope to see a change for the better soon.

SOUTH DERVSBY.—W. R. Whitford, March 3: That we set the eighne-shaft at 15 ton.

SOUTH DERVSBY.—W. R. Whitford, March 3: The 110 east has been driven east of Brook engine-shaft during the past month 3 fms.; set to six men.

SOUTH DEVON UNITED.—W. Hooper, March 3: The 110 east has been driven east of Brook engine-shaft during the past month 3 fms.; set to six men, it is a strong to the strong thad the strong the strong the strong the strong the strong the str

appears near the lode similar to the elvan in the shaft. The caimter lode in the light driving north-west, is 3 it, whice, composed of quartz and prian, intermixed its driving north-west, as 3 it. whice, somewhat the lode. The surface work is in a forward state, and the machinery is working satisfied to the lode. The surface work is in a forward state, and the machinery is working satisfied to the lode. The surface work is in a forward state, and the machinery is working satisfied to the lode. The surface work is in a forward state, and the machinery is working satisfied to the lode. The surface work is in a forward state, and the machinery is working satisfied to the lode. The surface work is a surface work in the lode of the lode. The working well, and the mines being drained at fair speed.

TANKERVILLE GREAT CONSOLS—A. Waters and 600, March 3: Saturday TANKERVILLE GREAT REPOSED TO SATISFIED TO SATIS

of clean ciencie, by to liter. We are unsaming a part of the clean ciencie, by to liter. We seek.

WEST CREBOR.—John Andrews, March 3: We resumed the sinking of the engine-shaft on Tuesday last, since which good progress has been made, and so long as the dry weather continues we shall have no difficulty whatever in sinking. All our surface operations are progressing satisfactorily. I have this day let the building of the engine-house, boiler-house, and shack at 2s. 8d. per perch of 38 ft. The building will commence on Monday next.

WEST DEVON GREAT CONSOLS.—George Rowe, March 2; We are making

good progress with the surface work in preparing the works for the erection of the pumping and drawing engines.

WEST GODOLPHIN.—T. Hodge, F. Hodge, March 2; All work is being carried on with fair dispatch, and we hope in a few weeks to be forking the water from the mine below the adit.

WEST HOLWAY.—R. Rowlands, March 3: Better progress in deepening new shaft has been made during the last few days than for some time past. It appears to me that Partridge lode from Great Holway has formed a junction with our cast and west lode, acting as a feeder, and increasing the richness of the latter. Rich lead is being taken out of the bottom, and the composition of the lode is as such a nature as to lead me to predict a good future for this undertaking. We shall not be long now in reaching the 110, and I expect to find the ground rich from the bottom of the shaft up to the spot where we proved some time since a course of lead worth from 2 to 3 tons of lead to the fathom. We have during the past few months been opening the mine at applicate, and shall commence to derive considerable advantages as soon as the 110 fm. levels are carried both east and west. In the 95, diving west, we are nearing the ore proved in the 30 west—nice rocks of lead are being flaken out of the end. The rise in the 30 maintains its value of 2 tons of lead to the fathom. Our prospects are aplendid,

WEST LISBURNE.—N. Bray, Feb. 23: Although the weather last week was

time since a course of lead worth from 2 to 3 tons of lead to the fathom. We have during the past few months been opening the mine at aspit rate, and shall commence to derive considerable advantages as soon as the 110 fm, levels are proved in the 20 west—dice rocks of lead are being fathen out of the end. The rise in the 30 maintains its value of 2 tons of lead to the fathom. Our prospects are splendid, so the second of the provent of the provent of the 20 maintains its value of 2 tons of lead to the fathom. Our prospects are splendid, its overed with sow several mines deep. I have engaged for the carriage of the remaining machinery from the station to the mine as soon as an improvement in the weather takes place. I have engaged a carpenter, and he is improvement in the weather takes place. I have engaged a carpenter, and he is work as rapidly as possible the first favourable opportunity.

WEST LISBURNE.—John Williams, March 3: I begt on form you that I know the above mines for many years, and have been underground there a good many times when the mines were at work, in the time of my father, when he warding the mines were at work, in the time of my father, when he warding the mines are at work in the time of my father, when he warding the mines were at work, in the time of my father, when he warding the mines were at work, in the time of my father, when he warding the mines were at work, in the time of my father, when he warding the mines were at work, in the time of my father, when he warding the mines were at work, in the time of my father, when he warding the mines are a supervised to the water out. I walue the ore in sight from 10,000 to 12,000, which will leave you to the water out. I walue the ore in sight from 10,000 to 12,000, which will leave you to the water out. I walue the ore in sight from 10,000 to 12,000, which will leave you got the water out, and then you can make a monthly return to meet the cost, and in conclusion I say again I do not know of my mine in the county which have so the provided

of the men to drive on the course of the lode, and two men to continue the cross-cut. The lode in the 50 west, south of the elvan, is now 4 ff. wide, of a most favourable character, and improving for tin as we are approaching the most favourable character, and improving for tin as we are approaching the most favourable character, and improving for tin as we are approaching the most favourable character, and improving for tin as we are approaching the most favourable character, and improving for tin as we are approaching the most favourable character, and improving for tin as we are approaching the most favourable character, and improving for the same level, east of winze, is worth 55l, per fathom. The lode in the back of the 108, on the south part, is worth 20l, per fathom. The lode in the back of the 108, west of said rise, is worth 40l, per fathom. The lode in the back of the 108, east of said rise, is worth 40l, per fathom. The lode in the new shaft, sinking below the 72, is over 6 ft. wide, producing fine stones of ore. All of the same level, east of cross-cut, is worth 40l, per fathom. The lode in the new shaft, sinking below the 72, is over 6 ft. wide, producing fine stones of ore. All of the same level, east of cross-cut, is worth 40l, per fathom. The lode in the new shaft, sinking below the 72, is over 6 ft. wide, producing fine stones of ore. All of the profits are without change during the past week.

WHEAL GRENVILLE.—T. Hodge, Peb. 23: The following bargains were set to do in which is worth 10l, per fathom; the lode in which is of no value. The 155 east end is set to four men, at 10l, per fathom; the lode being worth 15l, per fathom. Me have two men, at 9l, 10s, per fathom; the lode in that direction; we are in 14 ft., each of the 16s east is worth 10l, per fathom. The 16s west to worth 10l, per fathom; by six men, at 4s, 9d, per ton. Hodge's tope in the back of said level is worth 10l, per fathom; worth 12l, per fathom; by six men, at 4s, 9d, per ton. Hodge's stope in the back of said level is worth

a forward state.

WHEAL LUSKEY.—Wm. Skewis, J. Giffard, Feb. 23: We have this day opened on the back of Nicoll's lode in the lane leading to the farm-houses, and find the same to be 9 ft. wide, underlying south about 2 ft. per fathom; the lode is strong and masterly, composed principally of gossan of superior character, intermixed with quartz and capel, having well defined walls. From its size and character, there is every reason to believe that it will be found rich in depth. The cross-cut is now 11 fms., leaving about 14 fms. more to drive to intersect the lode.

s with, between the cross-course and the flookan, it is about \$it. wide; the greater portion of the bole is a very preity looking congenial soft quarts, with mundic and lumps of yellow copper ore. Judging from the lode recently driven through

south, between the cross-course and the flookan, it is about \$1t\$, wide; the greater portion of the lede is a very pretty looking congenial soft quartz, with mundic and humps of yellow copper ore. Jadging from the lode recently driven through in the 40 before this and we may quickly expect a productive lede here. The winze sinking below the 40, about 10 fms. before the 50 end is down 3 fms. in a lode worth from 1½ to 2 tons of black and grey copper ore per fathom. In the 40, east of the flookan, the lode is large, composed of goesan, soft quartz, green carbonate, and grey copper ore—a fine looking lode. This end did produce 2 tons of copper ore per fathom up to the last 9 ft. of drivage. The 50 cross-cut north continues to be in an excellent looking channel of grey slate.

WHEAL PEEVOR.—Wm. T. White, T. O. King, March 3: Since we last r\$\delta\$ ported we have communicated the rise in back of the 90 with the 80; this has given us good ventilation at the 90, as well as opened up a good section of stoping ground. We are now giving a ladder-road in this, which we hope to complete to-day; we shall at once begin to drive the 90 east, on south lode; the lode in the end is 4ft. wide, and worth 12l. per fathom. The 90 west is worth 12l. per fathom. The 90 west is worth 12l. per fathom. The 50 west is now driving by eignt men; set for two months already driven west of slide 4 fathoms through a fine lode of tin. The 70, east of shaft, is improving, now worth 15l. per fathom: this end is opening up good ground. The lode in the winze sinking in the bottom of the 70, directly over the 80 end west, is improving in size and quality as we go down. The lode in the 70 west still holds good. We have a pare of men spilling through the cross-course in the 60, east of shaft, which we hope to get through in a few days, and we feel assured of inding a good idoe to the east of the same. All other points without change. The mine is opening up well, and is returning a large quantity of the lode in the product of the lode is improved in si

TO THE METAL TRADE.

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The Mining Market: Brices of Metals, Ores, &c.

METAT MARKET LONDON, MARCH. 4, 1881

	MARKET-LONDON, MARCH. 4, 1881.
IRON. & s.d. & s.d. & s.d. Pig, 3MB, f.o.b., Clyde 2 8 9-	TIN. & s. d. & s. d
Pig, 3MB, 1.o.b., Clyde 2 8 9-	English, ingot, f.o.b 90 0 0
" Scotch, all No. 1 2 9 6	
1 ers, Welsh, f.o.b. Wales 5 5 0- 5 7 6	,, refined 92 0 0
in London . 5 17 6- 6 0 0	Australian 87 0 0-
,, Stafford., ,, 6 15 0	Bancanom. —
" in Tyne or Tees 5 15 0- —	Straits 87 0 0
" Swedish, London10 0 0	COPPER.
Rails Welsh, at works 5 10 0- 5 15 0	Tough cake and ingot. 65 10 0-
Sheets, Staff., in London 8 00	Best selected 67 10 0
Plates, ship, in London . 7 26-7 50	Sheets and sheathing. 70 00-
floops, Staff., 7 0 0	Flat Bottoms 73 0 0- 74 0 0
Nail rods, Staff., in Lon. 6 0 0- 6 10 0	Wallaroo 72 0 0
STEEL.	Burra, or P.C.C 68 0 0
English, spring	Other brands 65 0 0- 67 0 0
,, cast30 0 0-40 0 0	Chili bars, g.o.b 60 10 0- 60 15 0
Swedish, keg15 0 0	PHOSPHOR BRONZE.
fag. ham15 10 0	
LEAD.	Alloys I., II., III., and IV £120 0 0
English, pig, common15 2 6-15 5 (" VI. and VII 135 0 0
L.B	,, XI., Spl. bearing metal 112 0 0
,, W.B15 10 0-15 15 0	BRASS.
" sheet and bar15 15 0- —	Wire 7¼d
,, pipe16 5 0	Tubes 9½ -9¼d.
,, red17 0 0	Sheets 91/4
, white21 10 0-23 10 (
patent shot 18 0 0	Yel, met, sheath, & sheets 515 16d6
Spanish14 15 0-14 17	TIN-PLATES.* per box.
NICKEL.	Charcoal, 1st quality 1 2 0- 1 4 0
Metal, per cwt15 0 0-16 0 0	
Ore, 10 per cent. per ton.20 0 0-25 0	
QUICKSILVER.	,, 2nd quality 0 15 6- 0 16 6
Flasks, 75lbs., war. (nom) 6 15 0	Black per ton 15 19 0
SPELTER.	Canada, Staff. or Gla. 12 0 9-
Silesian	at Liverpool 12 0 9-
English, Swansea17 10 0	Black Taggers, 450 of 1 20 00
heet zinc20 10 3-21 10	14 × 10

* At the works, 1s. to 1s. 6d. per box less for ordinary; 10s. per ton less for Canada; IX ss. per box more than IC quoted above, andadd 6s. for each X. Terne-plates 2s. per box below tin-plates of similar brands.

REMARKS.—This week there has been no better tone in the various branches of the metal trade, the demand continuing dull, and prices for the most part have tended in buyers' favour. There is a decided feeling of hesitation existing, the next course prices are likely to take being so very uncertain. Buyers are reluctant to purchase, even when they can buy at reduced rates; while sellers are equally loth to press sales, and accept orders at any marked concessions. In looking at the present state of affairs, some of the chief reasons to which this feeling of uncertainty is to be attributed is very palpable. For instance, in frist considering those circumstances which are likely to prove decrimental to the progress of the markets, in so far of not only keeping prices stagnant, but also that which may probably lead to a lower range of prices, is the unfavourable statistics of many metals. In some cases not only are stocks maintained in spite of the continued growth in the requirements of metals, but repeatedly is there a great and rapid increase, the influx of the supplies being more and more augmented. Then, again, confidence may perhaps have been rather shaken of late by a few failures which have been announced; how far the suspensions may affect other items not being as yet fully known. Then political news, although not giving any very great cause for anxiety, tends nevertheless to bear some slight adverse influence upon the markets, and also creates a feeling of uneasiness. Lastly, advices from the Colonial markets are less satisfactory than they have recently been.

From India the demand is said to be inactive, and lower prices have to be accepted, and from America, owing to a less buoyant demand, sales can only be

afeeling of uneasiness. Lastly, advices from the Colonial markets are less satisfactory than they have recently been.

From India the demand is said to be inactive, and lower prices have to be accepted, and from America, owing to a less buoyant demand, sales can only be carried out by reducing quotations. On the other hand, passing from the gloomy to the bright side of things, it is seen that although production has been kept ahead of the wants of the trade, yet the demand has not fallen off; at times it may and does assume a quieter aspect, but when returns show there is no deficiency in the deliveries, but rather they are increasing, it becomes evident that three is not a less actual amount of business doing, which, however, instead of being concentrated in the hands of a selected few as heretofore, is widely distributed amongst the trade at large, which causes, perhaps, the idea that there is less business being transacted, when in reality a greater number of orders are received. The next point which is likely to lead to a further development, not only in the bone fide but also in the speculative demand, is the continued facilities of finance. Without any probability of dearer money, and without any apparent chance of any stringency in the money market, it does seem probable that with the present low range of prices, speculation will be encouraged, while, for the same cause, regular trade will be increased. Under these circumstances, both for and against the onward progress of prices, it is not surprising that a feeling of hesitation exists at the present time. However, although at the moment there does not appear much chance of a rise in prices, yet it seems somewhat dangerous to withhold orders for any length of time, as, with the first symptoms of revival, speculators will doubtless come forward and thus cause prices to quickly advance, and place those buyers who have not given out their orders at a considerable disadvantage.

COPPER.—This week the copper market has continued languid, and although at the

of a slight improvement without being backed by the substance, and the slightly better quotations, at which little or no business was recorded, made it the more and more amilies of the great desire which esizes amongst holders to fram more manifest of the great desire which esizes amongst holders to fram the more amilies of the great desire which esizes a mongst holders to fram an experiment of the state of the great desire which esizes a downward course. This is not a matter of surprise; in facilities that we had not a substantial of the state of the great of great of

within narrow limits.

SPELTER.—This market keeps void of animation, but prices are fairly upheld. In English hard for shipment to India very few transactions are reported, and prices appear quite nominal.

STEEL.—Steadiness has continued the principal feature in this market. With the exception of rails, however, business in other descriptions has remained extremely slack.

TIN-PLATES.—A very fair number of transactions take place from the control of the plate of the p

The PRAYES.—A very fait industrief of trainsactions take place from day to day, but no better prices can be realised—in fact, a few buyers appear to be holding out for reduced rates.

QUICKSILVER.—The official quotation has been reduced to 6l. 15s., with a disappointing extra demand. This article has relapsed into its former quietude

There is very little change to report upon in the MINING SHARE There is very little change to report upon in the MINING SHARE MARKET this week; general business continues dull and restricted, and quotations are merely nominal. It is seldom that we have to report upon such a long period of dulness, but metals do not improve as it was expected they would, and one or two good discoveries are required to enliven the market, too much occupied just now by foreign speculation, and in ignoring our home mines, some of which with good prospects may now be bought at one-fourth the which with good prospects may now be bought at one-fourth the price they were eagerly sought for a year or more ago, and with equally good prospects.

The application for the prolongation of the dynamite patent, in opposing which miners have been so strenuous in their efforts, was to-day dismissed by the Privy Council, with two sets of costs against the petitioners—Nobel's Explosives Company. The Judge stated that with a capital of only 15,000% the company had realised 232,9784., and had a goodwill worth 120,000%. The dividends had been from 10 to 50 per cent. per annum.

The stocks of tin on hand have decreased during the past seem probable that with the present low range of prices, speculation will be increased. Under these circumstances, both for and against the onward progress of prices, it is not surprising that a feeling of hesitation exists at the present time. However, although at the moment there does not appear much chance of a rise in prices, yet it seems somewhat dangerous to withhold orders for any length of time, as with the first symptoms of revival, speculators will doubtless come forward and thus cause prices to quickly advantage.

COPPER.—This week the copper market has continued languid, and although at the commencement the light charters which were an although at the commencement the light charters which were an nounced from Chili, of not more than 500 tons, rather tended to strengthen the tone, yet at the same time there was merely the shadow

TIN.—The stocks of tin on hand have decreased during the past month, but the trade continues dull, and no change yet mach in the standard for ore in Cornwall. Blue Hills are quoted 3½ to 4; Carn although the first symptoms of revival, speculators will doubtless come forward and thus cause prices to quickly advance, and place those buyers who have not given out their orders at a considerable disadvantage.

COPPER.—This week the copper market has continued languid, and although at the commencement the light charters which were announced from Chili, of not more than 500 tons, rather tended to strength the first symptoms of revival, speculators will doubtless come forward and dividend of 1l. expected on Monday. East Lovell, 4½ to 5; East with the first symptoms of revival, speculators will doubtless come forward and thus cause of the commence of the

Wheal Jewell, \(\frac{3}{8}\) to \(\frac{1}{8}\); Wheal Kitty (St. Agnes), \(1\frac{1}{4}\) to \(2\frac{1}{4}\); Wheal Peevor, \(21\) to \(22\); West Polbreen, \(1\frac{1}{4}\) to \(2\frac{3}{8}\); Wheal Uny, \(3\) to \(3\frac{1}{4}\).

Wheal Jane, \(\frac{3}{4}\) to \(1\); at the meeting the accounts showed a loss of 1000l. on the quarter, and a debit balance of 2174l.

COPPER.—At the Cornish Ticketing, on Thursday, the standard for ore advanced \(1l\). 18s. per ton. The average price of the ore sold was \(3l\). 9s. 6d. per ton. Copper shares are not particularly active, but better, on the whole, than tin. Devon Great Consols, after declining to 10 on the annonnement of no dividend, afterwards ralled, and leave off \(11\frac{1}{2}\) to \(12\). Wheal Crebor, \(4\) to \(4\frac{1}{2}\); Bedford United, \(1\frac{1}{2}\) to \(2\frac{1}{2}\); Devon Great United, \(2\frac{1}{2}\) to \(2\frac{1}{2}\); South Devon United, \(3\frac{1}{2}\) to \(2\frac{1}{2}\). Prince of Wales, \(13\). Is, \(15\frac{1}{2}\), ex call; at the meeting the accounts showed liabilities over assets of \(32l\). Its. Id., and a call of \(2s\), 6d. per share was made. The report of the mine was considered very satisfactory, and shows prospects of early success. Carnaryons have showed liabilities over assets of 832l. 14s. 1d., and a call of 2s. 6d. per share was made. The report of the mine was considered very satisfactory, and shows prospects of early success. Carnarvons have been largely dealt in, at 20s. to 22s. The 90 fathom level seems to be getting under the large body of ore above, and the agent writes that it may be a grand thing. East Caradon, 1½ to 1½. East Crebor, 10s. to 15s.; at the meeting a call of 2s. 6d. per share was made. At the meeting the accounts showed a debit balance of 884l. 4s. 7d. The report states that about 70 tons of good quality ore have been raised. Gawton, 25s. to 27s. 6d.; Gannislake (Clitters) 4½ to 5; Hingston Down, 1½ to 2. Mellanear, 5½ to 5½; the ore here (605 tons) realised 780l. Marke Valley, 1½ to 1½; Morfa Du, 17s. 6d. to 11.; New Cook's Kitchen, 6½ to 7; New West Caradon, 14s. to 16s.; Parys Copper, 15s. to 17s. 6d.; South Caradon, 47½ to 52½; South Crebor, 1 to 1½. West Caradon, 1½ to 2; at the meeting the shares were subdivided, and a call of 1s. per share made. West Seton, 17 to 18. West Phonix, 2 to 2½; a large business has been done this month; the lode has been cut through, and found to be 14 ft. wide, producing red oxide of copper, and its value will be known in a few days. Devon Friendship, 1 to 1½; some good copper ore has been met with m stoping for arsenic in the adit on Bennet's lode, which assays 15 per cent. Mona, 14 to 15; the 45 has improved. There is also a discovery of blende reported, which improves as opened upon.

LEAD MINES continue without any alteration. Verv little business.

men with in stoping for arsenic in the adit on Bennet's lode, which assays 15 per cent. Mona, 14 to 15; the 45 has improved. There is also a discovery of blende reported, which improves as opened upon.

LEAD MINES continue without any alteration. Very little business doing, and prices nominal. Van, 14 to 15; the appearance of the north lode has improved; the monthly sale on Thursday, 300 tons of lead and 150 tons of blende realised 36551. Great Laxey, 17 to 18; Roman Gravels, 10½ to 11; the mine has sold 100 tons for sale next Thursday. Tankerville, 11s. to 13s.; the manager expects soon to set tribute pitches in Bog and Pennerley, from which mines good progress is being made in draining the water. Pandora, 15s. to 20s.; at the meeting the accounts showed assets over liabilities of 4551. Is, 9d.; the returns for the 12 months ending Dec. 30 realised 32871. 5s. 5d., costs for same period 38461.8s. 2d.; the agent reported they had passed through a new course of ore in the shaft between the 33 and 45, the bottom being worth 2 tons of lead per fathom; the 45 has been driven nearly 10 fms. in a lode worth 1 to 2 tons per fathom. South Darren, 2½ to 2½; they have broken a little into the lode at the 120 east, and give a good lead.

East Roman Gravels, 17s. 6d. to 20s.; the 86 end is worth 1 ton per fathom. They have sampled another 40 tons for sale next week. Kirk Michael, 1½ to 1½; Great West Chiverton, 5s. to 10s.; Frongoch, 4 to 4½; Grogwinion, 2½ to 3; Hartington, 1 to 1½; Red Rock, 1½ to 2; New Wye Valley, I to 1½; Ystwith, 1 to 1½; Bwlch, 2½ to 2½; Denbighshire, 2 to 3; East Craven Moor, ½ to 1; East Van, 1½ to 1½; Glenroy, 7s. 6d. to 12s. 6d.; Gorsedd, 2½ to 3½; Great Holway, 4½ to 2; West Lisburne, 1½ to 1½; Creat Holway, 4½ to 2; West Lisburne, 1½ to 1½; Frenyr-orsedd, 1 to 1½; West Holway, 1½ to 2; West Lisburne, 1½ to 1½; Thenyr-orsedd, 1 to 1½; West Holway, 1½ to 2; West Lisburne, 1½ to 1½; Creat Holway, 15 to 3½; Great Holway, 15 to 3½; Great Holway, 15 the agent telegraphs that they they have cut a sple

the end of May, and erected in about three months. Indian Phenix, 1½ to 1½; Indian Trevelyan, 1 to 1½; Devala Moyar, 1½ to 1½ to 1½.

The Market for Mine Shares on the Stock Exchange has been somewhat dull during the week, although in foreign, and especially gold shares, a large number of transactions have taken place. The inactivity in home shares is fully accounted for by the fact that both as regards tin and copper prices are falling and stocks are increasing, which taken together are by no means encouraging. The attention of all interested in mines has been much absorbed since Wednesday morning in watching the progress of the case before the Privy Connoil for the extension of the dynamite patent—the monopoly created by which has been used with unscrupulous severity, as is evidenced by the terms of the judgment, which was given without calling upon the opponents to the prolongation for a reply. The alleged small remuneration was shown by an ingenious manipulation of the accounts, so as to separate a particular branch of the manufacture—that involving the immediate production of the dynamite—but after the Council had consulted with closed doors Sir Barnes Peacock gave judgment. Their lordships considered on decided cases that the profits must be taken together. They found that the profits on nitro-glycerine and nitric acid were very large. The subscribed capital was 15,000/\(\pi\) and 232,978l. had been realised, and 120,000l. was the value of the goodwill. The dividends had been from 10 to 50 per cent. per annum, and their Lordships could not advise Her Majesty to prolong the patent after such enormous profits. The application was dismissed with two sets of costs to the opponents. Prolongation refused accordingly.

Indian Gold Mine shares have been the chief securities of this class dealt in. Satisfactory progress is being made in getting out the necessary machinery, and full confidence is felt that the result will satisfy all concerned. The closing quotations for the shares principally dealt in are—South In

with a capital of 160,000l., in shares of 1l, each. A syndicate, represented by Professor M. C. Vincent, purchased for 27,500l. the property which some years since belonged to the Flagstaff Silver Mining Company of Utah (Limited) (now in liquidation), and some adjacen mines. With this last-named concern the new enterprise has no connection whatever, but in order to remove any adverse feeling that connection whatever, but in order to remove any adverse feeling that exist amongst capitalists who lost their money in the old concern the promoters of the Flagstaff District Company have made special arrangements for taking them in. To avold all legal difficulty which might possibly have arisen from the new company attempting any dealings with the share and debenture holders in the old concern the Flagstaff District Company has agreed to purchase from Professor Vincent (as representing a syndicate of 34 persons who have bought and paid for the property, and have an indisputable title) for 150,0002, all in fully-paid shares, leaving 10,0002. to be subsequently issued should additional working capital be required. But the manner in which the 150,600 fully-paid shares will be disposed of is distinctly specified in the prospectus which will be dound in another column. It must be well understood, however, that in a lega point of view this distribution of the fully-paid shares is a merely private arrangement between Professor Vincent and the several parties, and does not involve the risk of any subsequent dispute between the holders and the company. Professor Vincent is to receive 5000 (about 3 per cent. on the nominal capital) for his trouble and any expenses he may have incurred; the members of the syndicate are to have 11,000, but are to pay 2s, each for them, which gives the conpany are to be offered 134,000 shares, but are to pay 5s, per share for them, which for

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cross the company 32,5504, making, with the 1100f, from the syndicate, 34,5601. Cash it hand to deal with. Out of this the 27,500f, it to be reinbursed the syndicate, and state destribed to the 10,000 unisued shares for working capital. The leavement appears to be entirely free from any possible legal difficulty? Interest the syndicate of the company possible legal difficulty? Interest to the sendicate?; and provides an abundance of working capital. The existence of the sendicate?; and provides an abundance of working capital. The state of the mineral syndicates of the syndicate of the syndicates of the company with a capital of 205,000f, of which 65,000f, its class in fully pagh shares, and the remainder in cash), and further develope the well-known? Sold mines and mining properly known as the Kansas Consolicated group, on Quarter lawy has 2100 ft., is one of the longest and most on which we can be supported to the single state of the company of the state of the st

alue of the property.

Mona, 144 to 15; the mine continues to improve as the levels are opened. Cavins' shaft will turn out increasing quantities of rich ore, while eastward some important discoveries have been made

ore, while eastward some important discoveries have been all our ore, while eastward some important discoveries have been all during the last few days.

Richmond, 16½ to 17; the usual telegram from the mines at Eureka, Richmond, 16½ to 17; the usual telegram from the mines at Eureka, Nevada, stated that the week's run was \$50,000 from 900 tons of ore. During the week the refinery produced doré bars to the value of \$50,000. The manager (Feb. 10) reported that the Lizette Tunnel cross-cut has been extended 46 ft. in broken ground. Work in the end has been suspended for the time being, and the men put to drift in a mortherly direction on a well defined fissure. The \$00 north drift from the No.14 clute has been advanced 21 ft.; ground more favourable for drifting. The 70 booth has been drifted 18 ft.; ground in the present end more favourable for ore than it has been for the last 50 ft. driven. The chambers are all looking well, and turning out the usual quantity of fair grade ore.

Ruby and Dunderberg, 7 to 7½; in the usual report and telegram Ruby and Dunderberg, 7 to 7½; in the usual report and telegram

lluby and Dunderberg, 7 to 7½; in the usual report and telegram there are no special features calling for notice, but the progress of the works continues satisfactorily, and it is reported that private advices more than confirm the favourable opinion entertained of the company's position.

buri, $10\frac{1}{2}$ to 11. Advices received this week, dated Feb. 14, Missouri, 10½ to 11. Advices received this week, dated Feb. 14, state that underground work has gone on regularly since last report. In St. Clair the stopes in the 245 ft. are yielding about the same, and in the 315 north are improving. The preliminary arrangements for sinking the shaft are nearly completed, and the work has been so arranged as to interfere as little as possible with the extracting of ore from the other workings. Heavy snow and intense cold have again rendered it impossible to run the dressing works, and they are frozen up.

frozen up.

Placerville, 2\frac{1}{8} to 2\frac{3}{3}; the new lode continues to turn out very rich ore. The levels have been driven on some about 80 ft., and the width of the lode increases. The sinking of the shaft will be respected about 100 modifiedly.

Simed almost immediately.

In Lead Mine shares the principal business has been in Tanker-ville Great Consols, which are reported to be readily saleable at from \$\frac{1}{2}\$ to \$\frac{1}{6}\$. The mines are opening out very satisfactorily, and the draining of the Bog and Pennerley portion is progressing rapidly. It is

confidently anticipated by those who have inspected the mines that dividends will be soon commenced, and that the amalgamated property will prove permanently and largely remunerative.

Van, 14 to 16; the monthly report appears in another column. There is no particular change to notice, except that the north lode is showing an improved appearance in the cross-cut. The sale on Thursday (300 tons lead and 150 blende), realised 3655\(\ell\).

The Totley Terra Cotta and Fire Brick Company is to be incorporated, with a capital of 20,000\(\ell\), in shares of 10\(\ell\), each, to take over the business, plant, &c., together with the assets and liabilities, of Messrs. Chadwick, Barker, and Co. The purchase price is 6500\(\ell\), in deferred shares. The holders of the 13,500\(\ell\), preference shires will be entitled to a preferential dividend at the rate of \(\frac{20}{2}\) per cent. Per annum on the amount for the time being paid upon such shares, such dividend being payable in priority to all other dividends, with recourse to the profits of a subsequent year or years to make good any deficiency in a preceding year or preceding years. The prospectus will shortly be issued.

GAS SHARES.—The principal business in these shares, according to this evening's report of Mr. W. L. Webb, of the Stock Exchange and Finchlane, has been in Bombay, 5½ to 6½; Congliara Gas and Cod., 20½ to 60½; Commercial, 195 to 196; European, 19½; ditto, new, 14½; Centimental Union, 21½ to 23; ditto, new, 194 and 70, 15½; ditto 7 per cent., pref., 25½ to 25½; Gaslight, A, 175½ to 180 ex div.; C, 208 to 289 ex div.; E, 209 ex div.; H, 7 per cent., 135 to 135½ ex div.; Impertal Continental, 197 to 193½; Oriental, 7½; Monte Video, 16½; Metroovilan of Melbourne, 104; Rio de Janiero, 26; South Metropolitan, A, 199 to 200; ditto, B, 179½ to 180½. Gas stocks very flat, upon preparation for the electric light in the City. For closing prices see list on Laxing Account.

fast page of Journal.

INSURANCE SHARES have, according to this evening's report of Mr. W. L. Webb, of the Stock Exchange and Finch-lane, been dealt in as follows:—Alliance British and Foreign, 37½ to 38½; Commercial Union, 25½ to 27; Fire, 37½ to 4; Imperial Fire, 155½; Indemnity, 109½ to 111; London and Provincial Marine, 5½; Marine, 99 to 101; North British and Mercautile, 68; Cocan, 7½ to 8½; Railway Passenger, 7½ to 8; Royal Exchange, 419½ to 421; Universal Marine, 3½ to 3½. Most insurances groud; Commercial Union the exception, flat upon bad dividend. For closing prices see list on last page foolournal.

TRAMWAYS.—The closing prices of this evening, as quoted by Mr. W. Abbott, of Tokenhouse-yard, are given in tabular form in the last page of the Journal.

W. ABBOTT, of tokenhouse-yard, are given in taoular form in the last page of the Journal.

RAILWAY AND GENERAL MARKETS.—Referring to the course of business done to-day during official hours (11 to 3) Mr. Ferdinand R. Kirk, Birchin-lane, writes:—Opening: Atlantic First Mortgage have Wached 70%; a week ago the price was but 64½ to 65s—even those, then, who have contented themselves with but five (2002.) bonds seed profit of 50%. Eries are up to 851, Readings to 834½, and Penns. to 86s. New York Central and Illinois Central are particularly strong, and nearly 2 higher. In home railways the feature is the persistent rise in North British; now 86½, having recovered from 85—Monday's price. Brighton, A, can be got at 131. Devon Consols having recovered from the "scare" in the early part of the week, when shares dropped to 9½, having was fifm appearance at 11½ to 12. The encouraging report from Carnarvon Copper has induced some buying, and shares are firm at 20s. to 22s. 6d.; the prospects are considered to be uncommonly good. Tin mines are flat without exception, and quotations are so unreliable as hardly to be worth the trouble of writing down. Eurna, 33½ to 3½. Don Pedro, 10s. to 12s. 6d. Pestarena United, 6s. to 8s.—Clossing: British rose at one time to close upon 87, then relapsed, and are now but 85½. There is a fall of ¾ in North-Eastern, and one of ¾ in Sheffelt II, A, and Great Western. Dover, A, and Brighton, A, have gone back to last night's prices. Atlantic Firsts cut now only be sold at 69, and the Common at 10. In addition to yesterday's 9 per cent. rise San Domingo Bonds are ½ higher. Turks hàve tallen to 13½. Mexican and Peruvian are tron ½ to ½ worse, and tolaily neglected. Devon Consols, 11½ to 12½. Bedford United, 11½ to 2½.

We are requested to state that the Transfer Books of the Rhodes

We are requested to state that the Transfer Books of the Rhodes Reef Gold Mining Company (Limited) Will be closed from the 6th to the 15th inst., both days inclusive.

Reef Gold Mining Company (Limitett) will be closed from the 6th to the 15th inst., both days inclusive.

Devon Frienderth—Important Discovery.—Scarcely has the company get possession of this property than they meet with a discovery which will likely still further increase its value. In stoping for arsenical mundic in the adit (30 fms. deep) en Bennett's lode, they have come upon rich black copper eve, which upon assaying gives a produce of 15\(^2\) per cent. On March 2 the agent writes, "I have just come up from underground. The lode in the rise in the back of the adit, at Bennett's, is 5 ft. wide, composed principally of spar intermixed with black copper ore. It has a splebdid appearance, judging from which further improvement may be anticipated. I believe we are on the eve of something good there." They have put six men to open out and stope at this place, and expect soon to have a good parcel of rich copper ore for sale. Though only a few weeks at work the company has already arsenic and tin for sale worth 600\(^2\). Or upwards. The directors have taken the necessary steps to push on the operations with vigour, and it is believed that before the present year has ended a good dividend will be paid. The directors have appointed Capt. Charles Thomas, of Cook's Kitchen Mine, the managing agent, a selection upon which the shareholders may congratulate themselves, for no better appointment could be made. We may add that we are requested to state that the directors have not offered, nor authorised to be offered to anyone, the pursership of this mine, and any statement to the contrary is incorrect. They have pover even entertained such offer mine, and any statement to the contrary is incorrect. They have never even entertained such offer.

ARENDAL.—The following telegram has been received from the resident agent:—"Cut splendid course of ore at Benson's shaft, value 4 tons; now 72 fms. from surface." This is very important, it being as yet the deepest point in the mine.

TANKERVILLE.—The shareholders should be warned against parting with their shares hastily, as it is very likely some favourable reports will be received as the levels are drained from Bog and Pennerley. The manager already states that he expects soon to set tribute pitches in these mines.

DERWENT.—The 95 end is valued at $1\frac{1}{2}$ ton per fathom, and the other points continue productive. The lode lately cut is now believed not to be the north lode, which is very important, as the latter has vet to be cut.

GREAT HOLWAY.—This company has sold recently two parcels, 25 tons each, of blende, and 30 tons of lead, and has now on its dressing floors 60 tons of lead and 100 tons of blende. The prospects are splendid, and if the lode at the 110 is cut only as rich as the 60, great excitement must result in its shares.

TIN HILL.—There has been an active enquiry for these shares during the week, and large numbers have changed hands at 2 to 24, with every tendency to harden.

GEO. G. BLACKWELL,

26 CHAPEL STREET, LIVERPOOL, PURCHASER OF

MANGANESE, ARSENIC, FLUOR-SPAR, WOLFRAM, BLENDE, CALA MINE, CARBONATE and SULPHATE OF BARYTES, ANTIMONY ORE, CHROME ORE, MAGNESITE, EMERY STONE, PUMICE STONE, OCHRES AND UMBERS, CHINA CLAY, LEAD ORE FOR POTTERS, TALC, PHOSPHATE OF LIME, &c.

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POR SALE OR HIRE, ONE HUNDRED to TWO HUNDRED or MORE 3½ and 4-yard END TIP WAGONS; also several 8-in. cyliuder TANK LOCOMOTIVES, and other Contractor's Plant, equal to new.
Apply, John Dickson, Jun., or A. C. Betts, New North Works, Bootle, hear Liverpool.

FOR SALE, a LARGE PORTABLE ENGINE, with two 93-inch cylinders, and all modern improvements. cylinders, aid all modern improvements, new twelve months ago, and worked three months only, with or without pumping and winding gear attached, aid is fathours of 9½-inch pump, complete.

To view and for particulars address to "J. R. H.," New Mills from Mine, neat Grampound-road, Cornwall.

FOR SALE, a SEMI-PORTABLE PIT SINKING, COAL WINDING, and PUMFING ENGINE, double 9½ in. cylinder, fitted with link-motion reversing gear, mounted on a multitubular boiler, with Bowling fron fire-box;
Also WINDING GEAR, drum 5 ft. diameter, brake, and PUMPING GEAR complete, ready for immediate delivery.
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Particulars of this rich mineral property will be found in the present issue of sow and Reap, published by Messrs. Thompson and Son, Old Town-street, Plymouth, and which will be forwarded on application, post free.

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FOR SALE, the WHOLE or PART:-50 East Wheal Rose. 22
West Crebors. 50 South Devon United. 51
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Address, H. WILKINS, 1 Tamworth Villas, Tottenham. 50 East Wheal Rose. 50 South Devon United. 10 East Wheal Lovell. 50 Gunnislake (Clitters)

SPECIAL NOTE.—Any part of the above shares can be obtained. Less prices might be accepted in some cases if offers were made.

J O S E P H J A M E S R E Y N O L D S, STOCK AND SHARE DEALER, 6, MOORGATE STREET,

SEPH JAMES RESYNULDES.

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The increasing favour for mining as an investment has caused J. J. R. toselect three or four Progressive Mines which possess the strongest claim on public confidence. These consist—first, of proved lodes and streat; second, abundance of capital subscribed; third, proved mining knowledge to rapidly and properly apply the same.

J. J. R. confidently believes that at least three of the four mines referred to will not only declare dividends, but will advance in price some hundreds per cent. in a short time.

J. J. R. has spared himself no trouble in making his selection, knowing that in bringing money to his clients he enlarges his own business by having caused increased confidence in his judgment and knowledge.

J. J. R. WILL SELL:—

50 Edotord United, £2 1 3 10 Hingst. Downs, £1 89

10 Can Extra Li 12. 20 Lordhills, £2 113. 3d.

50 Evon Consols, £12. 20 North Alfred.

J. Octooch's Kitchen, £11. 20 Leadhills, £2 113. 3d.

50 Evon Consols, £24. 20 North Alfred.

J. Octooch, £37. 20 No. Penstruthal, 402. 20 Trevince Consols, £25. 20 West Kitty.

20 No. Penstruthal, 402. 20 West Kitty.

21 East Pool, £34 106. 20 Polrose, 17s. 6d.

22 Prince of Wales, 14s.

TIN HILL MINES, LIMITED.

Our Latest Recommendation.

This, our latest recommendation, has achieved another success for us, and large profits for those of the public who are original shareholders.

Rise in Price.

Since we first directed attention to them in December last the shares have risen 120 per cent., and the price at which they stand at the present time is no criterion whatever of the advance that will take place very shortly.

Increasing Output of Tinstone.

The daily output of tinstone is steadily increasing, and will show large profits during the present year, while other proved lodes will be worked in a few weeks.

Fine Quality and Purity.

The ore is of an exceptionally high average quality and of great purity, rivalling the best Cornish mines.

No Speculation.

This is no speculation or risk, as there are extensive reserves of ore that have never been touched.

Another Advance.

We are certain that another great rise of price is very near at hand.

Recommendation to Buy.

Those who wish to secure the advantage of present quotation—£2 5s. per share must purchase immediately, as the upward movement may be most unexpected.

DALSTON AND CO., 29, THREADNEEDLE STREET. LONDON, E.C.

OFFICIAL REPORT.

Extract.-The great caunter lode, which is over 5 ft. wide, and, as far as we can see at present, must be worth nearly \$100 per fathom. Feb. 24th.

THE RICO SILVER MINING COMPANY OF COLORADO

Has a Capital Stock of 25,000 Shares, of \$10 each, full paid, and non-assessable. It is a Limited Liability Corporation, organised under the Laws of the State of Illinois, for the purpose of purchasing, developing, and working Silver and Gold Mines situated at Rico, on the Rio Dolores, in that part of Colorado known as the "Silver San Juan" Mineral Country.

The Principal Office of the Company is at Chicago, Illinois.

The Georgie Mine, owned by the Rico Silver Mining Company, is situated in Horse Gulch, about one mile and a-half from the city of Rico.

The Georgie Mine, owned by the Rico Silver Mining Company, is situated in Horse Guich, about one mile and a-nair from the city of Rico.

The Georgie Lode appears to be a true fissure vein, which cannot be exhausted with depth; its width is now 3 feet 6 inches, and it is growing wider at the foot of the Incline Shaft. The country rock now is a calcareous pyritiferous quartzite, and the ore now consists of decomposed iron pyrites, white iron, black oxide of manganese, also galena carrying silver and gold; the quantity of galena increases as depth is attained. The gangue consists of quartz, calc spar, white spar, and felspar, partly decomposed.

From these, and from other indications, it is considered by competent mining experts that the Georgie Lode Claim is a very valuable property, and that it will produce good smelting ore, rich in silver, and probably carrying gold also.

The Company owns a mill site of five acres, situate at the junction of Horse Creek and the Dolores River.

The Grand View Smelting Works, distant about one mile from the Georgie Claim, are now in operation, and buying ores.

The Directors of the Rico Silver Mining Company offer for Sale a limited number of Working Capital Shares on very favourable terms to investors.

terms to investors.

The policy of the Rico Silver Mining Company may be briefly outlined as follows:—To buy Mineral Claims from prospectors and locators now while Claims are cheap; to do sufficient work on each Claim to entitle the Company to a United States Patent; to take out the United States Patent for the property, and thus make the title secure; in other words, to do precisely what the Locator himself would gladly do had he the necessary capital: finally, to do the deep working when it can be done cheaply and profitably, which time will not be long coming after the Denver and Rio Grande Railroad reaches Derango this Spring.

The plan of operation pursued by the Rico Silver Mining Company has this result:—According as Working Capital Shares are sold, both fresh property and enhanced value are added to the Estate of the Company, which thereby steadily increases in volume as well as in worth. The Company's Estate not only gains in individual value, but also shares in the great general advance in value of Mining property which has now commenced in the San Juan Region, consequent upon the extension of the Denver and Rio Grande Railroad into that District.

The Rico Silver Mining Company is carefully managed at a small expense, and purchasers of its Working Capital Shares may be a small expense.

The Rico Silver Mining Company is carefully managed at a small expense, and purchasers of its Working Capital Shares may reasonably look for large returns from the Investment. Profits of from 50 to 100 per cent. per annum are anticipated.

Prospectuses, and other information, will be sent, post free, on application.

J. J. WEST. President. J. J. WEST, President.

245, WABASH AVENUE, CHICAGO, U.S. January 10th, 1881.

MINING AS A BUSINESS.

Points to be Considered by English Capitalists, as Regards American and other Mining Investments.

Anyone who thinks of putting money into Mining can, by writing to me, have sent, post free to his address, a CIRCULAR, which will give him Valuable Points of Financial Utility, and Practical Views regarding Mining Investments generally, considered from a business standpoint.

J. J. WEST, 245, WABASH AVENUE, CHICAGO, U.S.

Actices to Correspondents.

TANNING.—" H, and W." (Bristol).—Other letters addressed as stated have duly reached their destination and been attended to. Your letter to us was forwarded unpaid (perhaps you will send us 2d. in stamps); a similar omission may account for your disappointment in the other case.

may account for your disappointment in the other case.

Gold Company of Southers India.—I would esteem it a great favour if any correspondent could give some information regarding the Gold Company of Southern India (not the South Indian Gold Mining Company, which has no connection with it). I have written to the secretary twice within the last fortnight, and have never received any answer to my letters. The last notice I received from them was the circular of Dec. 8, stating that the company was to be wound-up, and that the shareholders who had paid up their calls would receive share per share in another company which had taken over the estates they should have done.—B. D. C.

Received,—"D. A. L." (Dublin): We will endeavour to ascertain the particulars —"J. H. P."—"J. D.". The letter from Mr. A. A. de Metz on the Flagstaff Company shall be inserted next week—"L. A. S." (West Lisburne): It appears that it is necessary to pay up in full before any transfer can be made—"J. T." (Eust Long Rake): Next week.

THE MINING JOURNAL,

Railwau and Commercial Gazette.

LONDON, MARCH 5, 1881.

ATMOSPHERIC INFLUENCES ON MINING OPERATIONS.

ATMOSPHERIC INFLUENCES ON MINING OPERATIONS.

Meteorologists have been warning our mining managers that the atmospherical disturbances are likely to be such as to necessitate the greatest caution as well as the most active exertions in procuring as much ventilation as possible, and maintaining it to the fullest extent. These warnings should not be passed unheeded, for although they are not followed at all times by anything of a serious nature, yet it does not follow that they may not be so. The barometer is the instrument upon which our meteorologists depend for their deductions as to atmospherical changes, yet many mining engineers consider that it is not reliable, and that no inconvenience would be occasioned were it dispensed with altogether, yet it must be admitted that the barometer has done good service, and until we get a more sensitive instrument it would not be advisable to do away with it. Changes are frequently very sudden, and can only be indicated by the barometer. It is stated that when the atmosphere is at a low temperature the aqueous vapour occupies a smaller space, and the atoms of oxygen and nitrogen get closer together, but when the heat

temperature the aqueous vapour occupies a smaller space, and the atoms of oxygen and nitrogen get closer together, but when the heat of the sun, or the heat from some other source, comes in contact with the atmosphere at a low temperature the watery vapour seizes the heat with great avidity, and thrusts the atoms of nitrogen and oxygen further apart

Then the vapour seizes the gas in the coal and goaves until in a short time the mixture may be at an explosive point. In winter, too, the gas is keener, and there is generally a top on the flame that will fire before it is half the length it will show in warmer seasons. Under such circumstances it is that our mining engineers, or some of them at least, hold that the explosions in winter, taking space for space, such circumstances it is that our mining engineers, or some of them at least, hold that the explosions in winter, taking space for space, are far more severe than they are in summer. On the other hand, the barometer is considered by many practical men to be a good guide, and should be continued at all our mines that are in the habit of giving off gases, and we have it on good authority that the gas existing in a mine and the atmosphere are so closely connected together that the slightest movement in the one is indicated in the other. This is shown by the steam-boiler, for if you lift up the weight the steam escapes, and the pressure of the atmosphere on coal may be regarded as something like a delicate spring or valve preventing the gas from escaping from the coal, and the slightest variation in the pressure will immediately tell upon the escape of gas from the coal, the quantity of gas escaping in them being in proportion to the variation in the pressure. Under constant pressure gases dilate uniformly with the temperature, and the increase of the volume, according to GAY LUSSAC, is for every degree of the centigrade thermometer with the temperature, and the increase of the volume, according to GAY LUSSAC, is for every degree of the centigrade thermometer equal to 0.0037 of the volume at zero. The figure expressing the density of the gas usually agrees with that of atmospheric at zero, and at the pressure of 0.76 of mercury taken as a unit. The laws of MARRIOTTE and GAY LUSSAC suffice to determine the weight of a gas under a given pressure and temperature, when the specific weight of the same gas under a certain pressure and at the temperature of zero is known. Gases, like all other bodies, have the property of dilating when their temperature increases, and of contracting on becoming colder, so that the volume of gas augmenting with their temperature their gravity diminishes in the same degree—the contrary, of course, takes place when it is colder.

In conjection with the barometer, it is found that when there is a

In connection with the barometer, it is found that when there is a movement in it either higher or lower, the pressure on the space through which the gas escapes is either less or greater, so that consequently the quantity of gas will be determined by the amount of variation. In referring to atmospherical influences in connection with mining the condition in which the gas is given off should be taken into consideration. If it is assumed that gas is given off at a temperature of 70°—which is pretty nearly correct—and passing into

luted than otherwise. As to the best condition in which air can be sent down a mine so as to carry away the largest quantity of gas the opinion appears to be that the lower the temperature there is more diluting power, but some hold that a high temperature of air prevents an expiosion of gas, but it certainly appears to be more reasonable that the colder the air the more able it is to carry off a larger proportion of gas and render it harmless, for the hotter the air the less power it has to dilute the gas. One eminent mining engineer has laid down a theory that many of the severe explosions in coal mines in the winter have been owing to the low temperature of the atmosphere and the aquaeous vapour it contained during that portion of the year, and to which we have alluded. To some extent it is admitted that atmospherical influences affect the ventilation of mines, for the changes in the pressure and temperature of the atmosphere may reduce the ventilating pressure of the mine. But at the same time the change of pressure might not only slightly reduce the ventilating pressure but might allow the gas to expand. The wind in a certain direction has been held by some persons to be unfavourable to ventilation. able to ventilation.

In a certain direction has been held by some persons to be unfavourable to ventilation.

In a paper prepared some time since by Messrs. Dove and Karmetz it was shown that during all seasons of the year there was with a sound wind the lowest barometer, the highest thermometer, with the vapour tension in the air at the highest, and this to a considerable extent proves that the observations of practical men agree with the most carefully recorded meteorological observations. Messrs. Scott and Galloway, in their interesting paper read before the Meteorological Society, said that if a number of mining report books were taken together they would show in a remarkable manner the correspondence between appearance and disappearance of fire-damp in colliery workings with the fall and rise of the barometer. They found that the sudden oscillations that accompanied change of weather affected the condition of mines, and that in some cases gas might not be appreciable with a falling barometer, but that it must exude in a greater quantity than usual, and might be so diffused and carried away before a sufficient quantity had accumulated to be appreciable, but it might possibly accumulate in places that could not be thoroughly ventilated.

After four years of observation Messrs. Scott and Galloway

After four years of observation Messrs. Scott and Gallowar found that the explosions in coal mines occurred as follows: —54 per cent. from a fall of barometer, 19 per cent. from a rise of thermometer, and 27 per cent. from causes not connected with atmospherical influences. These returns, we consider, show the value of the barometer as an indicator of atmospherical changes It must, however, be said that a considerable number of our barometers are so badly constructed that a considerable number of our barometers are so badly constructed that marked variations take place in the atmosphere before they are indicated by the instruments. But there are instruments now constructed that show the slightest variation, therefore the barometer should be looked upon as reliable, and a good one should be obtained. We hope, therefore, that the barometer at the present time will be carefully watched, and that our mine managers will pay attention to the warnings that are being given by our meteorologists as to the atmospheric changes that may be expected, as well as the dangers that it is possible to arise from them if care be not taken in time.

THE RATE OF INTEREST ON MONEY.

An economic revolution has been in course of silent accomplishment for some time past. We refer to the great and general decline in the value of money, or rather to the great and general decline in the rate of interest on capital. With Consols nearly at par, with railway preference and debenture stocks, as well as municipal heads with discontinuous course. cline in the rate of interest on capital. With Consols nearly at par, with railway preference and debenture stocks, as well as municipal bonds yielding him a poor 3½ per cent. per annum, and with land entirely closed against him for the time being, the British capitalist may well ask himself whether it is not time that he should bestin himself in order to find new fields for the employment of his resources. The British colonies offer him at present the most tempting outlets. In the most prominent of our colonial dependencies the English capitalist enjoys the protection of a well ordered system of law and of free and impartial Parliamentary government just as much as he does at home; and this being the case, a security is given to his investments, such as he can never quite attain in foreign countries. It is accordingly not at all surprising to find the 4 per cent bonds of such colonies as Canada, New South Wales, Victoria, South Australia, &c., almost, if not quite, at par, while the securities of the Anglo-Indian Government enjoy again an almost equal amount of public favour. The debentures of companies carrying on mortgage and agency business in Canada and the Australasian colonies are also so eagerly sought after that money can now be raised by this means by the oldest of these undertakings at 4½ per cent. Per annum, and in some cases at even a slightly lower rate. All this immensely calculated to accelerate the important work of colonial development. Then, again, another great influence is tending to bring about a similar result. We refer to the stimulus which the depression now prevailing among the British agricultural interes has undoubtedly given to emigration. We believe the extent of the present depression in English agriculture is scarcely realised by the denizens of our great towns. Unless the agricultural counties of denizens of our great towns. Unless the agricultural counties of Great Britain are blessed in 1881 with a bountiful and well secured harvest the consequences which must ensue are really fearful to con-template. Five unfruitful seasons and increasing foreign competi-tion in every department of their operations have brought three tion in every department of their operations have brought three-fourths of the farmers of this country to the verge of ruin, and with another bad harvest this ruin would be complete. An abundant yield of wheat and barley in 1881 may possibly have the effect of deferring the evil day, but so long as foreign and colonial competi-tion prevails in its present intensity we greatly fear that the ruin of the British agricultural interest will in any case unfortunately be-come more wide-spread than it is at present. As the shoe pinches the poor farmer more and more, he must have recovere to emigration

temperature of 70°—which is pretty nearly correct—and passing into a colder one it is of course more likely to expand and become digreat advantage to the metallurgical and mechanical interests of this

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country. But apart from this, our colonies teem more or less with coal and minerals, to say nothing of the precious metals, and the working of these must be stimulated by an influx of British capital working of these must be stimulated by an influx of British capital working of these must be stimulated by an influx of British capital working of these must be stimulated by an influx of British capital in this country, contended that there were two things to be considered in the application for the prolongation of a patent—whether the inventor and the persons who had introduced the patent had been sufficiently rewarded for their skill and industry. The circumstances in this case were also exceptional, the patented for dynamite granted, through his agent, to Mr. Alfred Nobel, of Paris, was commenced before the Judicial Committee of Privy Council on Wednesday, when it was urged for the petitioners—Nobel's Explosives Company—that prior to and until the granting of the patent in question nitroglycerine, which is a composition formed by adding lycerine to a mixture of strong nitric and sulphuric acid, was largely and necessarily used in Great Britain for the purpose of mining operations. When existing in an uncombined state it was an explosive of a highly dangerous character both in transport and in storage, and many fatal accidents had occurred through its use—enotably one at many fatal accidents had occurred through its use—enotably one at many fatal accidents had occurred through its use—enotably one at many fatal accidents had occurred through its use—enotably one at many fatal accidents had occurred through its use—enotably one at many fatal accidents had occurred through its use—enotably one at many fatal accidents had occurred through the processor of the patent with costs.

Dr. Dupuy gave similar evidence. Mr. Aston, in calling Mr. Kemp, accountant, and Mr. Orlando Webb, the representative of Mr. Nobel in this country, contended that there were two things to ecountry, contended that there were two things to ec THE DYNAMITE MONOPOLY.

The hearing of the application for the prolongation of the patent for dynamite granted, through his agent, to Mr. Alfred Nobel, of Paris, was commenced before the Judicial Committee of Privy Council on Wednesday, when it was urged for the petitioners—Nobel's Explosives Company—that prior to and until the granting of the patent in question nitroglycerine, which is a composition formed by adding glycerine to a mixture of strong nitric and sulphuric acid, was largely and necessarily used in Great Britain for the purpose of mining operations. When existing in an uncombined state it was an explosive of a highly dangerous character both in transport and in storage, and many fatal accidents had occurred through its use—notably one at Newcastle-upon-Tyne. The loss of life arising from its use became so serious that a statute was passed prohibiting its manufacture, sale, or storage, except under a licence from a Secretary of State, and these licences were only very sparingly granted. In these circumstances Mr. Nobel discovered and endeavoured to introduce into this country a process, which consisted in dissolving the nitroglycerine in wood spirit, as in this condition it was substantially safe to carry until that spirit evaporated; but to render it fit for use the nitroglycerine had to be separated by adding water to the mixture. This process was found to be inconvenient, and Mr. Nobel then produced an invention which enabled a competent workman to manufacture the nitroglycerine into a substance which might be transported, stored, and used without any separation, and with perfect safety. This invention, shortly described, was for a process of absorbing nitroglycerine in porous inexplosive substances, such as charcoal, silica, or paper. When so absorbed it was converted into what is known as dynamite, and acquired the property of being in a high degree insensible to shocks, and capable of being burnt over a fire without explosion.

It was further contended that

or paper. When so absorbed it was converted into what is known as dynamite, and acquired the property of being in a high degree insensible to shocks, and capable of being burnt over a fire without explosion.

It was further contended that the invention was, when the patent was granted, quite novel and of great public value, and it involved it and conserved the patent the sole importers of nitroglycerine and dynamite in this country were Messrs. Webb and Co., of Llanberis, and they expended large sums in developing and working the patents. In 1869 the Nitro-Glycerine Act was passed, and at that time Messrs. Webb and Co. had in their possession several tons of dynamite, which they had imported from Hamburgh. It was not until over two years that they were allowed to deal with that particular dynamite or to import more. In 1871 the British Dynamite Company was formed to work the patent, and receive licences from the Home Office for the manufacture and sale of dynamite, but it did not commence that sale until 1873. The patentees had up to and since then been much impeded by adverse litigation from obtaining the benefits of the patent, which had been extensively infringed on the Continent and elsewhere. In 1877 the British Dynamite Company was dissolved, and Notel's Explosives Company (Limited) was formed, and they now carried on an extensive business in connection with the patent and in manufacturing the explosives. Owing to the difficulty in obtaining the Government licences, the litigation consequent upon infringements, and the time thus lost, the petitioners alleged that they had not received adequate remuneration for the labour, time, thought, and capital expended. They had been always ready to grant licences for the use of the invention and to supply purchasers with their patented dynamite. For these reasons they applied for a prolongation of the patent for a further term of 14 years, or such shorter term as their Indships might think fit.

The grounds upon which the prolongation of the patent is considered unj

ing several mining companies, and a large number of generome. Practically their objections were the same, except that they made some reference to foreign patents.

On behalf of the Crown Sir Henry James raised an objection which he thought would invalidate the petition. The petition was not filed till Dec. 17, and the patent would expire on May 7. The Act of the 2nd and 3rd Vic. required that the plaintiffs should be presented at least six months before the expiry of the patent. The 6th and 7th Vic. modified the law in the case of an application for an extended patent, on the ground that the inventor had not received compensation for his labour and expenditure, but that was not the case here. Therefore he contended that the petition for a prolongation of the patent must fall to the ground. After considerable argument their lordships held that the objection could not be sustained. On behalf of the petitioners, Mr. Aston observed that by the opponents of the patent it was said that the petitioners were merely assignees, who had paid the first inventor, and if the petitioners were for remunerated, then it had been caused by their negligence in carrying on the business. He submitted that that was not so. Then the Nobel Explosives Company was charged under their privilege of making exorbitant charges. That was entirely unfounded. Their opponents would have to prove that. But the evidence of his clients was that the charges were very light as compared with some continental makers.

The first witness examined was Lieut.-Col. Majendie, Her Majesty's

makers.

The first witness examined was Lieut.-Col. Majendie, Her Majesty's Inspector of Explosives, who stated that he examined all applications for the manufacture of explosive substances that were addressed to the Home Office. It was essential that dynamite should be carried on under Government supervision. Nitroglycerine was of such a dangerous character that it could not be stored or transported with safety. Dynamite as compared with nitroglycerine was very much safet; but dynamite had its own risks, and it was necessary to guard against those risks by the observance of certain prerery much sater; but dynamice had its own risks, and it was necessary to guard against those risks by the observance of certain precautions which were found partly in the Explosives Act and partly under the licence granted under that Act. If those precautions were observed there was no reason why there should be any undue proportion of said-arts. tion of accidents.

As a witness on behalf of the petitioners Professor Abel stated As a witness on behalf or the petitioners froits and a successive that he now considers dynamite to be certainly one of the most easily controllable agents with which we are acquainted. Its plasticity gives it advantages over similar explosives of a violent character. It is less subject to explosion by friction than other rigid explosive collide. The comparative safety of dynamite must be constituted in the control of the comparative safety of dynamite must be constituted. explosive solids. The comparative safety of dynamite must be considered to rank highest among the explosive agents of a violent class. It is very extensively used in mining operations. He adhered to what he had written, that dynamite was one of the safest, most powerful, and most convenient of explosive agents now used for certain purposes; and that the preparation, as made by Nobel, appeared to set aside completely all the objections to nitro-glycerine in its liquid form. When dynamite was first introduced to his notice he did not consider that its use could be attended with safety; but his first impression had been altered by practical experience. Prof. Odling and written, that dynamite was one of the safest, most powerful,

In connection with this matter an interesting abstract of the accounts submitted to the Privy Council of profits made by Nobel's Explosive Company from 1873 to 1879 inclusive has been forwarded

for publication :

ABSTRACT OF NOBEL'S DYNAMITE COMPANY'S ACCOUNTS. Nitroglycerine from 1873 to 1879, 5,381,714 lbs., at 1s.9d. per lb. ,, estimated to April 30, 1881, 1,388,553 lbs., at 1s.9d. ,,

Total nitroglycerine ... 6,770,267 Kieselguhr (cost up to the end of 1879) ... Packing-boxes, lining, and labels, ditto ... £592,345 17 3

Kieselguhr (cost up to the end of 1879) . 7,558 0 0
Packing-boxes, lining, and labels, ditto . 24,874 7 2
Parchment (cartridge) paper, ditto . 6,772 16 3
Workers' wages, ditto . 10,092 2 11
Freight and insurance, ditto . 31,852 13 4
Agents commissions, ditto . 51,839 7 1
Instructors' wages, travelling expenses, &c , ditto 22,415 1 11
Sundry costs, plant, vessels, bank charges, &c ,
bringing up the total cost to . 670,973 2 3
Showing a profit on sales for seven years of only 2,414 8 6
It is a principle of logic that he who proves too much proves nothing, and Mr. H. Waddington's remarks on these accounts for the total cost to . 670,973 2 3
Showing a profit on sales for seven years of only 2,414 8 6
It is a principle of logic that he who proves too much proves nothing, and Mr. H. Waddington's remarks on these accounts for the show that in this case the extremely low estimate of profit goes far to prove the inaccuracy, or at least the unfair manipulation, of the accounts. He points out that "it will be observed that the large profits made have been cloaked under the charge of an itroglycerine, and lithough made by themselves, it is set forth as costing 1s. 9d. per lb. It will be shown before the Privy Council that it is made at 10d. per lb., and that this excessive price hides a net profit, as shown by their own books, of nearly 300,000d., realised and estimated up to the end of April, 1881: 6,770,267 lbs. of nitroglycerine or. 83d. per lb.

Workman's wages, &c., say . 13d. per lb. 10d.

Total cost. The residue, or by-products, are sold as agricultural manure, and may pay the labour costs, as far as I know. We may pick out it tens amounting to 140,000d., or 20 per cent. on total sales, which are totally unnecessary, as would be found by any local manufactory. The 6,770,267 lbs. of nitroglycerine at 75 per cent. would make 19,0027,022 lbs. of dynamite. The actual cost of converting the nitroglycerine cost 10d. this will make 1½ lb. of dynamite at a cost of 1s. or 9d. per lb."

GOLD MINING-ÉLEPHANT STAMPS,

It is satisfactory to find that amongst practical miners more disposition is shown to avail themselves of the vast strides that have during the present generation been made in the mechanical arts; and, instead of adhering to old types of tools and implements, they show an inclination to adopt the most improved and powerful appliances placed before them by the steady march of mechanical science. These remarks apply especially to rock-boring and hauling, but are equally applicable to stamping machinery; the disintegration of mineral to the degree of fineness necessary to liberate the precious metals from their natural matrix has always been, and must always be, a matter of vital importance, and is one of the most costly and laborious of mining processes. It has, therefore, at all times been sought to impress upon the readers of the Mining Journal the necessity of keeping steadily in their view the reduction to the utmost of that indispensible expense; for in the case that often happens with poor ores which would otherwise pay, the cost of stamping has been so scrious as to lead to the abandonment of the mine solely from the fact that the ore was too poor to pay the great cost of stamping it.

Much gratification has been afforded to practical men by having had the opportunity during the past fortnight of observing a new kind of stamping-mill working at the Millwall Docks, made by the eminent mining machinery engineers, the Sandycroft Foundry Company, near Chester, and no idea could be formed without a personal observation of the extraordinary quantity of mineral it stamps with so small an expenditure of power. The machine, from its compactness, is in marked contrast to the ponderous ordinary stamps, and the astonishing feature about it is the smoothness with which it works while delivering such quick, powerful blows. It is really marvellous to watch the quantity of fine pulp that keeps flowing from the coffer. It appears that there is much less wear and tear on the working parts than on the lifter stamps, and very much less power required.

The Sandycroft Foundry Company merit much commendation

oulty hitherto experienced in dealing with that ore was to extract the various metals (gold, silver, and copper) in a manner that would yield a profit on the operation. This is the difficulty now said to have been overcome, and the discoverer of the process is a French scientist of standing. Of course, the practical results in dealing with large quantities of ore are yet to be ascertained, but the experiments up to this time made show a return of between \(\frac{1}{2} \) to \(\frac{3}{2} \) of an ounce of gold from each ton of pyrites treated. The right to the patent has been secured by the Tharsis Sulphur and Copper Company (Limited), and the apparatus necessary for the proper working of it out is being erected at the works of the company. The experiments hitherto made have been conducted in Paris, and there the results are regarded as of so satisfactory a character that large orders ments hitherto made have been conducted in l'aris, and there the results are regarded as of so satisfactory a character that large orders to buy the shares of the Tharsis Company have lately been placed here and in London, the consequence being, as might have been expected, that the price has gone up from 34\ell, at which it stood in the closing week of last year, to 38\ell. 7s: 6d., the figure noted to-day.

The company last year dealt with between 300,000 and 400,000 tons of pyrites, and the calculation is that the value of the gold extracted by the new process represents at least 3l. per ton; off that sum, σ course, there will fall to be deducted very heavy royalties.

BRITISH CAPITAL AND UTAH MINES.

THE FLAGSTAFF DISTRICT SILVER MINING COMPANY.

BRITISH CAPITAL AND UTAH MINES.

THE FLATSTAPP DISPRICT SILVER MINING COMPANY.

The almost unbounded mineral weath of Utah is admitted to be beyond question, and although hitherto British capitalists interested in its development have heard more of litigation than of mining, it is now felt that the period of obstruction and disappointment is passed, and that the mines of Utah are destined to enjoy a long period of prosperity, which will amply repay those connected with them for the vexations delay they had to submit to. It is but quite recently that the announcement was made in the Mining Journal that all the flitigation with regard to the celebrated Emma had been amicably settled, and arrangements concluded which would permit of the mine being regularly and energetically worked for the benefit of those British shareholders who had long ceased to have any legal sclaim to the property. An equally gratifying and satisfactory arrangement appears to have now been made with regard to the Flagstaff property, the important feature of which is that whilst the new company, which has just been formed, is entirely disconnected. Flagstaff property, the interest of the share and debenture holders in the latter is not ignored. The value of the mine itself may be regarded in some sense as proved by the enormous efforts which have been made by the contending parties to possess it, and now that those who hold shares or debentures in the old concern have an opportunity of dealing directly with a vendor who, according to American law, has an indispatable title they will have only themselves to blane if they do not embrace an offer holding out such an inducement by the contending parties to possess dy the old company, and its admitted that they were numerous, they will be vastly increased under the new organisation, since the profits will be distribution of the hold of the property. The distribution of the property than the Makido of Japan, some very substantial was a substantial to the property and an entire look, and possibly in

the payment is made in a straightforward and business-like manner, and prominently declared in the prospectus, there cannot be any subsequent question with regard to it. With regard to the mine itself, it has already been stated that its value is indisputable—the Flagstaff having produced in round figures 1,000,0000. sterling—but if any further evidence were required to satisfy the shareholders it would suffice to notice the fact that the Vallejo Mine, immediately adjoining the Flagstaff, is, by recent advices, taking out very rich ore, and at points much lower than the deepest level in the Flagstaff, which, it is truly said, may be accepted as proof positive of the continued richness of the Flagstaff at greater depths than any yet reached. The new company will commence operations with all the necessary elements of success, and with such judgment and energy as the names on the board of direction—including Professor Vincent himself—would lead one to expect. Shareholders need not doubt that that success will be speedily attained.

THE MEKARSKI COMPRESSED AIR-ENGINE.

working parts that here is much less wear and tear on the working parts than on the lifter stamps, and very much less power required.

The Sandycroft Foundry Company merit much commendation apart from any profit that may accrue to themselves for the spirited way in which they have brought this powerful mechanical appliance in such a convenient manner under the immediate observation of practical miners and their friends, by erecting and working the machines at Millwall Docks, so as to enable those interested in the subject of stamping to see with their own eyes the work in operation. The number of people who have already availed themselves of the subject. The machines, it is understood, will be kept at work for about another week, and Messrs. Bicknell and Taylor, of 6, Queenstreet, while it is understood, will be kept at work for about another week, and Messrs. Bicknell and Taylor, of 6, Queenstreet, will give orders for enabling those interested in the subject to see the Elephant Stamps crushing gold quartz.

Economic Treatment of Pyrites.—A discovery, which if successfully developed is likely to effect nothing short of a revolution in the pyrites trade of this country, has recently been made, and is presently seriously engaging the attention of chemists both here and on the Continent. It has long been acknowledged by competent authorities that the method now followed for the assaying of pyrites was not the most satisfactory that could be wished; but the difficulty hitherto experienced in dealing with that ore was to extract the various metals (gold, silver, and copper) in a manner that would yield a profit on the operation. This is the difficulty now said to passing into the piston it passes first through an expansive regulator, which emits the mixture at a constant pressure of 90 lbs. to the square passing into the piston it passes first through an expansive regulator, which emits the mixture at a constant pressure of 90 lbs. to the square inch. The temperature of this mixture being about 212° Fahr., it can thus be employed in expansion in the cylinders without any fear of that cooling down which is produced during the expansion of dry air. This mixture of air and steam allows double the work being obtained from a given quantity of compressed air than can be obtained from dry air or compressed air obtained by any other mode, and the interposition of the expansive regulator gives a most remarkable suppleness of movement to the engine, whatever may be the pressure in the reservoirs.

put in motion by means of a small wheel. In descending the piston presses back water in an annular chamber, where a small quantity of air is confined. It acts as a kind of spring, on which the necessary degree of tension is easily given. The lower chamber is, during the journey, in communication with the slide valves of the engine. The compressed air passes through an opening on the opposite side of the rubber diaphragm, and helps to close a conical valve pressed by a spring. This valve is governed by a rigid stem, on which a plate is fixed which is acted on by the air-spring, with the assistance of the diaphragm, so that by pressure on the spring, which reacts on the plate, the opening of the orifice is regulated; but, as the pressure at which the escape is produced acts in a contrary sense on the diaphragm, and thereby tends to close the valve, it acts in such a manner as to maintain the two actions in equilibrium. The pressure of the escape consequently remains regular so long as the state of the spring is not modified, and varies with it. A very slight displacement of the piston suffices to augment or diminish the pressure of the spring, and the power of the machine can be instantly changed. From this point of view the use of the regulator presents another advantage—that of funning continually with a slight introduction of air, while with the ordinary locomotive it is necessary to restrain the expansion so as to increase the effort of traction. It has been fully ascertained by the Société Générale des Moteurs à Air Comprimé that with their specially designed stationary pumps they obtain 1 lb. of compressed air at 450 lbs. pressure per square inch, with the consumption of \(\frac{1}{2}\) lb. of coal, so that the charge for each journey would require 8\frac{1}{2}\) lbs. of coal, being considerably less than 1 lb. of coal per mile run. The Working of the system on the Nantes Tramways has been carefully investigated and fully reported upon by Mr. F. J. Bramwell, C.E., and a more favourable opinion than that whi put in motion by means of a small wheel. In descending the piston could not be wished for.

SOUND INVESTMENTS,

NEW YORK, PENNSYLVANIA AND OHIO (LATE ATLANTIC AND GREAT WESTERN) HAILROAD.—In recent circulars I drew attention to the advantageous position held by this line as forming an important link in a great combination of railways leading from the Western States to the sea-board. The map which I issued clearly indicated the new and direct route thus to be established, and subsequent events have fully justified the forecast I then made. Information just to hand leads me to believe that the consummation of the plans I then briefly outlined is rapidly approaching, in which case the rise in all New York, Pennsylvania, and Ohio securities will be considerable. The want of success which attended this line in the tast has been entifely due to its dependence on one outlet for its traffic, and full advantage has been taken of this helpless position, to the detriment of the property. When, however, this railway forms part of a system carrying the vast traffic of Western roads aggregating 9000 miles, the development, hitherto checked, unust make fapid progress without regarding the extraordinary speculative activity infused into all enterprises connected with the "Wabash" interests now predominant on the American Continent.

All the securities of this line are well worth buying, regardless of the special arrangements now pending), but the Seven per Cent. Pertetual First Morteges Bonds are perhaps, the nost attractive at the

All the securities of this line are well worth buying, regardless of the special arrangements now pending), but the Seven per Cent. Perpetual First Mortgage Bonds are, perhaps, the most attractive at the present time. They are accumulative, and if in any half-year "part off the interest only be paid, warrants will be issued for the part remaining tunpaid, which warrants can be at once converted into the same class of bonds." The latter can be sold for eash through the medium of the new "Coupon Agency."

The position of a buyer of \$1000 (200L) bond at the present price of 70, costing 140L, and presuming there should be no improvement in the earnings, would be as follows:

Interest on the same basis as paid on Jan. 1, 1881, 2½ per cent. in cash \$25

In 1st Mortgage Bonds 4½ per cent., or \$45 Stock at present value of 70, \$31½

Equal to 8L 1s. 6d. per cent. on present cest.

If the recent rate of improvement in traffice should continue during the remainder of this year, and the expected saving in working expenses be realised as a result of the narrow gauging of the road, the laying of steel rails, and the economy effected by the acquisition of folling stock, instead of liring as formerly, there is a feasonable probability of the cash distribution being at the rate of i per cent., when the bonds would no doubt be worth 90. The interest on the investment would then be represented thus, in cash, 4 per cent. \$40

In 1st Mortgage Bonds 3 per cent., or \$30 Stock, at 90

Equal to 9L 11s. 5d. per cent. on present cost.

Equal to 9l. 11s. 5d. per cent. on present cost.

Upon this estimate (in the event of 4 per cent. being paid in cash this year) the income would be 9l. 11s. 5d. per cent., and the cipital value would increase at the same time no less than 20 per tent.

GRAND TRUNK RAILWAY OF CANADA.—Full dividends on the First and Second Freference, and a distribution at the rate of 1 per cent. per annum on the Third Preference have just been paid. All doubts as to the result of the past half-year's working are thus set at rest, and those who are interested in this railway must be well set is field with the position now attained.

*visited with the position now attained.

It is evident from the success which has attended the recent issue of 225,000% of \$\tilde{\pi}\$ per cent. defentures by the Chicago and Grand Trunk Railway (when no less than 1,000,000% was applied for), that the securities of the Grand Trunk Railway Company are steadily increasing in popular favour. Hitherto from the want of terminal facilities in Chicago, which this new capital will provide, the Grand Trunk extension to that city has not derived that benefit which must now accrue to it. The following extract from the prospectus is interesting to every shareholder in the Grand Trunk Railway:

The works and property to be constructed and acquired will pro-

teresting to every shareholder in the Grand Trunk Railway:

'The works and property to be constructed and acquired will provide suitable passenger and freight accommodation in Chicago, not merely for the Chicago and Grand Trunk Railway, but also for the titire system of the Grand Trunk Railway of Canada and its connections, extending from Chicago to various American and Canadian tentres of commerce, including the ports of Montreal, Portland, Boston, and New York, on the Atlantic Ocean, and comprising upwards of 2000 miles of railway under control of the board of the Grand Trunk Company."

It will no doubt be remembered that when the first issue of Chicago.

It will no doubt be remembered that when the first issue of Chic and Grand Trunk Bonds was made, the amount offered was 500,0007. of 6 per cent Stock, at the price of 94, and applications were received for about twice that amount, now a 5 per cent stock at par is applied

for nearly seven times over.

The best authorities agree in stating that there is every prospect of the receipts of the Chicago line doubling within the ensuing year. It is also a very important feature that the marine connections of the Grand Trunk Company are being greatly extended. The Allan Line has just constructed a magnificent new steamer for the spring and summer passenger traffic, and within the past month the Canadian and Brazilian Direct Mail Steamship Company has been introduced in connection with the Grand Trunk Company, two of whose directors are on the board. As this new enterprise enjoys a valuable subsidy from the Brazilian and Canadian Governments, it is deserving

of support, and will, doubtless, prove a success.

Shareholders may rest satisfied in knowing that the same skilful and watchful management which has already accomplished so much for their benefit is still vigilant in their interests, hence the increasing popularity of the securities of this railway for investment. The Third Preference and Ordinary stocks having the greatest rever-

sionary value are likely to show the most marked improvement.

CANADIAN RAILWAYS FUSION.—From recent correspondence it seems that the revival of the movement for a fusion of the Great Western and Grand Trunk Companies is welcomed not only by those Great Western shareholders who previously supported it but also by a large number who formerly were opponents. Notwithstanding the antagonism which may naturally be again expected from the board the shareholders appear at last to be thoroughly in earnest,

PHILADELPHIA AND READING RAILROAD.—Mr. Gowen PHILADELPHIA AND READING RAILROAD.—Mr. Gowen has now returned to America to attend the meeting of shareholders on the 15th instant, and it is evident from the large amount of support which he has received that he will be re-elected president of the line, and thus be enabled to carry out his financial programme for the restoration of the company to its former high position. The new issue of Deferred Income Bonds is so manifestly advantageous to the interests of the company that there need not be the slightest hesitation or doubt as to its legality being recognised. When this point is finally settled the stock will certainly command a very much higher price than at present.

point is finally settled the stock will certainly command a very much higher price than at present.

Totally apart from these considerations, however, the intrinsic value of the property is such that Mr. Jay Gould and other leading American capitalists have recently been buying to a very large extent, concurrently with similar purchases of New Jersey Central shares, which have advanced to 106, although the line is still in the hands of a receiver, and the dividend on the Income Bonds still remains unpaid. From this some idea may be formed of the estimate of value which experienced men in America put upon these railway and coal properties, and further that they share the views of Mr. Gowen, who declared at the recent meeting that "the company which

Signally good result of the working for that period, as the accounts are made up to Jan. 31, and this is, therefore, the only railway which has provided for the loss of traffic and increased working expenses resulting from and incidental to the severe snowstorms would have been from 5½ to 5½ per cent. This stock is well worth buying.

ISLE OF MAN RAILWAY.—The dividend just announced at the surprise. My own estimates, when recently recommending the shares, were that the distribution would be 5 per cent. At 51. 10s. Gowen, who declared at the recent meeting that "the company which

and those who have taken the initiative on this occasion are said to be very confident of success.

Owns the coal for back freight will control the eastward-bound business." In my opinion both Ordinary and Deferred Stocks must im-

ATLANTIC, MISSISSIPPI, AND OHIO.—At the sale in America ATLANTIC, MISSISSIFT, AND OHIO.—At the sale in America on Feb. 10 this line was bought by the Louisville and Nashville Company. Full particulars will be furnished to the bendholders on the return of the committee in a few days.

MEXICAN RAILWAY.—The recently published traffic receipts

MEXICAN RAILWAY.—The recently published traffic receipts continue to show considerable increases as compared with last year—the best evidence of the prosperity of the country.

GREAT WESTERN RAILWAY.—The dividend for the past half-year is an exceedingly good result of the working for that period, as the accounts are made up to Jan. 31, and this is, therefore, the only railway which has provided for the loss of traffic and increased working expenses resulting from and incidental to the severe snowstorms early in that month. But for this untoward occurrence the dividend would have been from 5½ to 5¾ per cent. This stock is well worth buying.

THE QUARTZ HILL CONSOLIDATED GOLD MINING COMPANY

(LIMITED).

Copy of Telegram received from E. M. Douglas, of the German National Bank, New Jersey, U.S.:-

To the Secretary of the Quartz Hill Gold Mining Company. "Output of sixteen days' Mill run in January and February, SIXTEEN THOUSAND." Equal to £200 per day.

In purchasing the property mentioned in this prospectus, the company steps into a going concern, with mill, machinery, engines, pumping, and hoisting gear in working order. The stamp mill is within 250 feet of the main shaft, and is connected with the mine by an iron tramway. 52 stamps are erected, and there are 10 other stamps on the premises for erection. The mill is driven by an 80-horse power engine, with double boilers sufficient to drive 100 stamps. The buildings are substantial. The hoisting and pumping gear is driven by a 75-horse power engine and a 25-horse power engine, and the hoisting gear is capable of hoisting 300 tons of ore per day from a depth of 2000 feet. The Cornish pump is driven by a 40-horse power engine.

DIVIDENDS.—It is confidently anticipated that the proceeds will enable the company to pay quarterly dividends from the com-

The Quantz Bill Consolidated Gold MINING COMPANY

The Mines of the Company are situate on QUARTZ HILL, GILPIN COUNTY, COLORADO, and are in working order.

"Quartz Hill is one of the grandest depositories of wealth that the world possesses. Here is a network of mineral yeins, spurs, and feeders, and a number of great lodes, such as are rarely seen in any country. Millions in gold have been taken from this Hill, and there are millions in it yet."—See Fossett's "Colorado," page 324.

INCORPORATED UNDER THE COMPANIES ACTS, 1862 TO 1880.

CAPITAL £205,000, IN 205,000 SHARES OF £1 EACH.

Upwards of 100,000 Shares (including the Vendor's) having been already subscribed. PAYMENT-2s. 6d. on application, 2s. 6d. on allotment, 7s. 6d. in two months, 7s. 6d. in three months.

DIRECTORS

Sir RICHARD GETHIN, Bart., Selwyn House, Hereford Road, Bayswater, W. WILLIAM ROEBUCK, Esq., West Lodge, Acton, Director of the Malta Railway Company. Colonel W. M. COCHRANE, The Hetton Colliery, Durham.
A. HARLEY BACON, Esq., 13, Stanhope Place, Hyde Park, W. H. E. ROBINS, Esq., Clerk of the Peace of Southampton.

RESIDENT MINING MANAGER-Mr. JAMES C. FAGAN.

BANKERS-The ALLIANCE BANK (Limited), Bartholomew Lane, E.C. BROKER—B. M. CLARKE, Esq., 4, Copthall Chambers, and Stock Exchange, London, E.C. Auditor—J. M. HENDERSON, Esq., 2, Moorgate Street Buildings, E.C. Solicitors—Messis. ROBINS and SON, 86, Gresham House, E.C. SECRETARY—Mr. EDWARD JENKINS.

OFFICES-16, TOKENHOUSE YARD, E.C.

The object of this company is to purebase, carry on, and further develope the aluable gold mines and mining property known as the Kansas Consolidated Froup, situate on Quartz Hill, Gilpin County, Colorado.

These mines comprise—about 2100 ft. on the Kansas lode;

", 600 ", Irish Flag lode;

", 350 ", Camp Grove lode;

And include also the Tennessee Tunnel lodes.

A very full description of these mines, together with plates showing the position, working sections, &c., is given in Chapter XI. of Fossett's "Colorado," and where also an account of the enormous wealth of this district is graphically lessribed.

ribed.
ic statements and particulars appearing in this prospectus have been reed from Mr. Fagan, who has had the management of the property for some years.

The Kansas lode is one of the longest and most reliable fissure veins in the country, and from its heavy dip will command, at a greater depth, several of the finest lodes which are being worked parallel to it. At this junction it is expected a large deposit of ore will be met with.

The Irish-Plag and Camp Grove lodes are true issure gold-bearing veins, and can nearly parallel with the Kansas vein, from which they can be worked by

run nearly parallel with the Kansas vein, from which they can be worked by cross-cuts.

Character of the Loues.—At the bottom of the main shaft the lode is at present 5 ft, wide, containing about 1 ft, of high-grade smelting ore, which realises about \$40 to \$102 per ton net, the remainder being milling ore, which mills from \$10 to \$15 per ton.

Development.—On the Kansa slode one main shaft, 5 ft. by 12 ft., has been sunk 1150 ft. deep, none shaft 200 ft, deep, and one shaft 255 ft. deep, from which shafts over 7000 ft. of levels have been run, producing good paying ore. This main shaft is one of the deepest in Colorado, and at this great depth the ore is found to be richer than at any time during the working of the mine.

Phoduce of the Mines.—The product from \$600 ft. of this property, on the Kansas lode, by careful statistics show a yield of over \$800,000 since 1874. The first two years, however, of this period were occupied in putting up machinery, pumping out the mine, and making permanent developments. The workings prior to that date cannot be stated with exactness, but the product has been estimated at about \$400,000, making a gross product from this \$600 ft. of ground at about \$1,000,000.

Future Development.—It is proposed to continue sinking the shaft to the

mated at about \$4,000,000.

FUTURE DEVELOPMENT.—It is proposed to continue sinking the shaft to the west, which will connect with the levels from the main shaft. This will open out a large body of ore ground, and intersect several other lodes, and greatly increase the output.

The Irish Flag lode, the Camp Grove Lode, the Tennessee Tunnel lodes, and over 1000 ft. of the Kanasa lode west have never been worked by the late owners owing to want of capital.

OUTPUT.—The output that can be calculated upon depends upon the number of men employed. When the works are further developed, so as to call for the employment of extra hands, the returns will be proportionately increased. From ground opened out at present, steady returns—from £1800 to £2000 per month—may be confidently relied upon, commencing from the date of completion of purchase.

working Capital.—From the above it is estimated that, with ample working working at command, large and increasing dividends will be assured.

WORKING CAPITAL.

capital at command, large and increasing dividends will be assured.

RAILWAY COMMENICATION.—The Colorado Central Railroad runs close by the property, labour is pleutiful, climate is excellent, and works can be carried on throughout the year without any interruption.

The present position and success of the undertaking is due to the assiduous labours and energy of Mr. Fagan.

References as to these mines and the foregoing statements may be made to the—

\$8,283.88 4,033.99 84,249-89 Profit .

And adds—"We are working slowly, and not pushing things at all. This ore all came out of one drift 1150 west, the only one we are working at present. The mill dirt runs over 6 ozs. Only run the mill 15 days during the month. Are sinking the shaft; will have it down 1200 ft. by the 15th January; have firstrate vein in it. Craven has assayed the mill dirt, and finds it yield 14 ozs. per cord. The vein is improving every foot we go down, and when we begin to stope will give us something handsome, probably the best the mine has ever yielded."

cord. The vein is improving every foot we go down, and when we begin to stope will give us something handsome, probably the best the mine has every yielded."

The following information relating to these mines, is taken from a letter of the 8th January, 1881, written by the President of the First National Bank, Central City, Colorado:—"The mines are looking better and paying better now that for two years past. The main shalt is down 1200 ft., and yielding, as taken from the shalt, from 5 to 7 ozs. of gold, and smelting ore 60 to 90 and \$114 per ton net. The mill is in good running order, and the cost of milling is lower than ever before, about \$2.25 per ton. All our deep mines are doing well, and some remarkable. The titles to this property were looked fully into about a year ago, and no changes, transfers, or liens or debts exist on it, and besides, Government Patents are now obtained to the whole, which confirm the titles."

Intending shareholders are invited to inspect at the company's offices, these letters, and all the information to date which the company possesses relative to the property.

The company has secured the services of Mr. Fagan for three years as practical manager of the mines. He will be assisted by a confidential agent of the company, who will control the financial department at the mines. Mr. Fagan's long experience of the district will be invaluable to the company, and he has shown his confidence in the future, by undertaking the duties without a fixed salary, agreeing to accept as his remuneration a commission of £5 per cent. on the profits earned by the company.

The vendor is the promoter of this company, and has contracted to sell to the company the whole of the above mining property, buildings, machinery, stamps, &c., for the sum of £150,000, payable £85,000 in shares, and £85,000 in cash. The vendor undertakes to defray all expenses of and incidental to the formation of the company down to allotment. Upon allotment the company will contribute 2 per cent. on the capital towards such e

States and Territories.	Total I	Base Bullion		To	tal in 1879.
California	8	18,276,166		8	18,190,973
Nevada		15,031,621			21,997,714
Oregon		1,059,641			1,037,961
Washington		105,164			85,336
Idaho		1.894.747			2,091,300
Montana		3,822,379			3,629,020
Utalı		6,450,953			5,468,879
Colorado		21,284,989	***********		4,413,515
New Mexico		711,300			622,800
Dakota		4,123,081			1,942,403
Arizona		4,472,471			3,208,987
Mexico (West Coast)		2,090,557			1,683,871
British Columbia			**********		976,742
Total	9	80,167,936			75,349,501

The following agreements have been entered into, viz.: one dated the 31st January, 1881, between James Chester Fagan of the one part, and William Woods Temple of the other part; and one dated the 5th February, 1881 between the said William Woods Temple of the one part, and Edward Jenkins, acting as trustee on the part of the company, of the other part.

These agreements, together with the Memorandum and Articles of Association, can be seen at the offices of the solicitors of the company.

All applications to be made on the enclosed form and remitted to the bankers, The Alliance Bank (Limited), Barthelomew-lane, E.C.

Prospectus and Forms of Application can be obtained at the bankers, the soli-

Prospectus and Forms of Application can be obtained at the bankers, the solitors, the brokers, and at the offices of the company,

Should no allotments be made the deposits will be returned in full

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sociation,

cheap home railway investment. It is expected that the dividend for the current year will exceed that for 1880.

ANGLO-AMERICAN TELEGRAPH.—Last month I stated that "the miserable collapse of the injunction to restrain the payment of dividends is only what might have been expected." An announcement to this effect had been publicly made, but it seems to have been premature, as the catastrophe did not take place till last week, when the plaintiff and his suit collapsed together. The value of his investment in this company is limited to 16l., and this having only been acquired so recently as October last his anxieties can neither have been intense or prolonged. It is satisfactory that in accordance with the promise given by the Chairman at the recent meeting the traffics have now been published, and that, notwithstanding the reduction in the tariff, the receipts compare favourably with last year. This, with the removal of the hinsignificant though harassing litigation referred to, will surely tend very much to restore confidence and increase the value of the property.

COAL AND IRON COMPANIES.—Since the issue of my special circular on the 16th ult. considerable investments have been made in the Rhymney 7 per cent. debentures and the Llynvi and Tondu 7 per cent. preferences, both of which can still be bought to yield a very good return to investors. Further confirmation as to the improved prospects of the coal and iron trades was affor led at the recent meeting of the Llynvi Company. I still recommend investments in both securities.

TRAMWAYS.—It is surprising that the temporary non-success of a few tramways should have had the effect of depreciating the value of the shares of other sound and good dividend paying undertakings. Thus, the majority of these companies have announced dividends varying from 5 to 9 per cent., and yet in many instances the shares can be bought ander par. German Tramways, for instance, paid 6 per cent. dividend, and the shares are at 9½, or 5 per cent. discount. Calais Tramways paying 6 per

is every indication of this property rapidly developing into one of exceptional value. The 4*l*. shares at the present price of 2*l*. 5s. are, therefore, cheap.

INDIAN GOLD MINES.—Shareholders in these properties will learn with great satisfaction that it is now only a matter of a few weeks when they may expect to hear of practical results from the quartz crushing on the estates of the South Indian and Indian Glenrock Companies, the machinery being at this moment in course of erection. When the stamps are set to work next month I firmly believe the working will be of a startling character, as all the best authorities agree in their testimony as to the vast auriferous wealth of the gold mines in this district.

INDIAN PHŒNIX GOLD MINE.—Mr. Grove, the experienced manager of this company, is now on his way from Australia to India, taking with him the necessary machinery, and accompanied by a large staff of skilled Australian miners. I have good reason for believing that in addition to the rich quartz reefs on this property there exists also valuable alluvial deposits.

INDIAN TREVELYAN GOLD MINE.— Very encouraging advices have already been received from this the youngest of the Indian gold mining companies. While the shares are to be obtained at a small premium investors should avail themselves of the opportunity.

From Mr. WM. Abbott's Circular for March, 10, Tokenhouse Yard, London, E.C.

WANTED, NEW OR SECONDHAND CRUSHER, suitable for Barytes Manufacturers.

Quote price and particulars to William Boustred, Pontesbury, Salop.

WANTED, PUMPING ENGINE, from 70 to 80 in.-Particulars,&c., to be addressed to Capt. NICHOLLS, Camborne.

MINING CAPTAIN OR WORKING MANAGER FOR IRON MINES

IN CUMBERLAND.

WANTED, an EXPERIENCED MAN, capable of WORKING an IRON MINE where the ore is found in veins and pockets.

Apply by letter, stating qualifications, salary required, previous experience, and whether able to analyse from ore to "fron." Care of Wm. Dawson and Sons, Advertisement Agents, 121, Cannon-street, London, E.C.

ANTED, a MINING CAPTAIN, for a GOLD MINE in SOUTH AMERICA. Unexceptionable testimonials as to experience, ability, and character required. Liberal salary.

Apply, by letter, to J. H. Thorstox, 24, Finsbury Pavement, London, E.C.

METAL TRADE.

WANTED, in an OLD-ESTABLISHED HOUSE in the CITY, a SENIOR CLERK, having a general knowledge of the TRADE IN IRON and other METALS, and with a connection amongst shippers. The highest references required. rences required.
Apply, by letter, with full particulars of qualifications, stating age, salary re.
wired, &c., to "Metal," care of J. W. Vickers, 5, Nicholas-lane, E.C.

PEQUIRED, a PURCHASER, or a GENTLEMAN, who could FORM a COMPANY for WORKING a SPLENDID TIN SETT, situated in a district famous for successful Mines, and on the run of lodes that have yielded immense returns.

na district famious for successful across the first property of th WANTED, OFFERS FOR THE FOLLOWING:-

Viscedwyn Company ... £10 Shares.
South D'Eresby Mine ... 1 ,,
Tyn-y-Fron Lead Mine... 1 ,,
West Craven Moor.... 10 ,,
Bickton Silver-Lead Com. 1 ,,
Apply to WHITCOMBE and EMSON, 1, Gresham Buildings, Basinghall-street,

THE FLAGSTAFF DISTRICT SILVER MINING COMPANY

(LIMITED).

NOTICE TO SHAREHOLDERS AND DEBENTURE-HOLDERS IN THE OLD FLAGSTAFF COMPANY (now in liquidation).

Applications for fully-paid shares in the above company at 5s. each should be made on or before WEDNESDAY, MARCH 9, instant, in accordance with the terms of my circular dated the 28th ult., copies of which, with forms of application, can be obtained from Messrs. LOUSADA and EMANUEL, 15, Austinfriars, London, E.C.; or ALEXANDER KEELY, Esq., 14, Great Winchester-street, London, E.C., solicitors.

March 3, 1881.

RONGOCH MINE (LIMITED).—
Notice is hereby given, that the HALF-YEARLY DIVIDEND to
DECEMBER, 1880, at the rate of TEN PER CENT. PER ANNUM. will be
PAYABLE upon the shares of the company on and after MONDAY, the 28th
day of March next.

26, Change-alley, London, 24th February, 1881.

MINE

Gold in bars produced in the month of January, 1881, and remitted to Messrs. Baring Brothers and Co., London, 3943:15 ozs.

DIVIDEND distributed for each coupon, \$100.

(Signed) A. LICCIONI, President.

(Signed) VICTOR T. GRILLET, Treasurer.

THE NEW PENROSE TIN AND COPPER MINING COMPANY

The shares in this mine are recommended for immediate purchase at the resent low price—viz., 20s. each. The chances of success in this mine are research than in any property in Cornwall. Any week a rich lode may be cut, when the shares will probably advance to a very high price.

Investors desirous of securing an interest should apply at once to the secrearies, Messrs, Thompson and Son, 14, Old Town-street, Plymouth.

NORTH WALES.

EXTENSIVE AND VALUABLE SLATE AND SLAB QUARRIES, FARMS, WORKS, COTTAGES, AND RAILWAY SHARES.

IN MERIONETHSHIRE.

MESSRS. W. DEW AND SON WILL SELL, BY AUCTION, at the Mitre Hotel, Cathedral Yard, Manchester, on Wednesday, the 16th day of March, 1831, at Two colock in the afternoon, subject to the conditions of sale to be then produced, the SLATE AND SLAB QUARRIES of the

18th day of March, 1831, at Two o'clock in the afternoon, subject to the conditions of sale to be then produced, the SLATE AND SLAB QUARRIES of the ABERGYNOLWYN, in the county of MERIONETH, now in full operation, with the extensive and valuable WORKING PLANT; the FREEHOLD LANDS of the Company, consisting of the inn and about 83 cottages in the village of abergynolwyn; and the FARMS known as Pandy and Nant-lwyn-Gwedd, containing altogether about 240 acres; the common rights connected therewith, and several small chief rents, amounting together to about £13 per annum; one-third interest in a piece of mountain land near the quarries, containing about 473 acres; also the farm and mineral leases held by the company, and 750 fully-paid up shares of £20 each in the Tal-y-Llyn Railway Company.

The QUARRIES, which extend over an area of about 1547 acres, are held for terms of which from 25 to 30 years are unexpired, at very moderate royalties, it is believed that there will be no difficulty in renewing the leases, the slate rock being practically inexhaustible. The slate veins are three in number, of which two, known as the north and south or broad and narrow veins, have been largely developed, and are in full working order, with tunnels, adit levels, chambers, transways, inclines, reservoirs, water-wheels, &c. The machine-houses are five in number, and are conveniently situated. The slates and slabs are of admirable quality and in good demand, the sales in 1830 averaging 530 tons per month. The production could be much increased by a judicious expenditure of capital. The PLANT, consisting of slate dressing machines, planes, saws, &c., is of the very best description for the manufacture of slates and slabs, and is turned by means of powerful water-wheels, turbines, engines, &c., all in first-class working order. The Tal-y-Llyn Railway Company, the whole of the shares in which are included in the sale, runs from the Abergynolwyn Station to Towyn, a distancof seven miles, where it joins the Cambrian Railway. The port of

adapted for building purposes. The passenger traine on the rainway is considerable.

The quarries may be viewed on application to Mr. Meyrick Roberts, at the quarries, Abergynolwyn; Mr. Jour Roberts, at the Slate Wharf, Towyn, will answer enquiries as to the railway and other properties offered for sale; and the tenants of the farms, inn, and cottages will show their respective holdings. Copies of the leases held by the company may be inspected at the offices of Messrs. Orford and Milne.

Printed particulars, with plan, are in preparation, and may be obtained from the Auctioneers, Bangor and Rhyl; at the Corbet Arms and Cambrian Hotels, Towyn; from Mr. James Stevenss, Architect and Surveyor, 83, Mosley-street, Manchester; and Messrs. Orford and Milne, Solicitors, 87, Fountain-street, Manchester.

MINE FOR SALE, BY PUBLIC AUCTION.—
On Monday, the 14th March, 1881, at Nine A.M., WILL BE SOLD, BY
PUBLIC AUCTION, at LUGANO, SWITZERLAND, at the Tribunal of that
City, the VALUABLE SILVER AND GOLD MINE, called
"C A M E R E."

Situated in the Commune of MIGLIEGLIA, formerly owned by Signori Bag-LIONI and FRANZI.

The property will be put up at 150,000 fr.; deposit, 10,000 fr.
Conditions of sale are to be obtained of the Advocates, Carlo Battaglini,
Leone de Stoppani; and Giovanni Soldati, Lugano.

CROW'S HOUSE ESTATE,
In the township of THORNLEY, parish of KELLOE, in the county of DURHAM
PRELIMINARY ANNOUNCEMENT.

PRELIMINARY ANNOUNCEMENT.

THE ABOVE VALUABLE FREEHOLD ESTATE, comprising 355 acres or thereabouts, together with the COAL and other ROYALTIES, will be OFFERED, BY PUBLIC AUCTION, in the month of April next, by Mr. THOMAS WETHERELL, at the Three Tuns Hotel, Durham, in Two Lots, viz.:—The FARMS, FARMHOUSES, and BUILDINGS the first lot; and the MINERALS the second lot. Further particulars will appear in future advertisements, and plans and conditions of sale will be ready for issue by the 20th of March, to be had on application to Messrs. MALLETT BROTHERS, Chartered Accountants, 21, Collingwood-street, Newcastle-on-Tyne; Mr. Thomas Wetherell, Auctioneer, Durham; and of D. E. Stanford, Esq., Bolicitor, 21, Collingwood-street, Newcastle-on-Tyne.

OI D. E. STANFORD, ESq., Solicitor, 21, Collingwood-street, Newcastle-on-Tyne.

NORTH WALES.

PRELIMINARY ANNOUNCEMENT OF SALE OF THE VALUABLE SLATE PROPERTY KNOWN AS THE

CROESOR NEW SLATE QUARRY,

LLANFROTHEN, MERIONETHSHIRE.

THIS VALUABLE PROPERTY, consisting of about TWO HUNDRED ACRES of QUARRY LAND, with QUARRY WORKS, PLANT,

MACHINERY, MILLS, WORKSHOPS, BARRACKS, MANAGER'S HOUSE, and EIGHT WORKMEN'S COTTAGES, will be OFFERED FOR SALE, BY

PUBLIC AUCTION, in APRIL next.

The property is held for an unexpired term of 35 years, subject to a nominal dead rent of £1 is, per annum, and no royalty.

The lease contains a covenant for renewal at the end of that term for 20 years at a moderate royalty.

The date of sale and further particulars will appear in future advertisements.

For particulars, apply to Mr. J. E. Jones, 16, Bank-place, Portmadoc.

TO BE SOLD, BY PRIVATE TREATY, a LEAD MINE in the County of FLINT. Good ore to work on; rocks of solid ore to be seen over 2 cwts.

A BARGAIN, if secured at once.
Apply to "J. R. W.," Red Lion Hotel, Holywell.
February 28, 1881.

TO BE SOLD, the LANCASTER COUNTY SILVER-LEAD AND ZING MINES, situated near Landisville, Lancaster County, Pennysylvania, together with the BELGIAN REDUCTION FURNACES, CALCINING FUNNACES, POTTERY, BETORT KILN, with full equipment of CRUSHING and DRESSING MACHINERY, complete, on the most modern improved principles

ciples.

There are three powerful engines for hoisting, pumping, and working all the above machinery, together with 106 acres of land, farm buildings, eleven dwelling houses, work-shops, store-rooms, offices, &c.

For further particulars, apply to Mr. W. S. THOMPSON, 13, Broadway, New York; Mr. THOMAS KENT, Oriental Buildings, La Salle-street, Chicago; or to BAMFORD BROTHERS, Cheapside, Liverpool, England.

URPLUS MACHINE, Cheapside, Liverpool, England.

URPLUS MACHINE RY FOR SALE,—

ONE DIRECT-ACTING BULL ENGINE, 80 in. cylinder, 11 ft. stroke.

SIX EGG-ENDED STEAM BOILERS, 30 ft. by 5 ft. diameter, with mountings complete, and connections for same.

ONE 24 in. WINDING BEAM ENGINE, with 12 ft. drum.

ONE 24 in. PUMPING BEAM ENGINE, with pumping shaft, crank, and gearing wheels.

For further particulars, appy to Mr. JAMES HOGG, Govan Ironworks, Glasgow.

For further particulars, appy to Mr. James Hoeg, Govan Ironworks, Glasgow.

WIVELISCOMBE, SOMERSET.

TO BE LET, BY TENDER, for a Term to be agreed upon, from Lady-day, 1881, all that EXCELLENT SLATE QUARRY, called OAKHAMPTON QUARRY,

Situate in the parish of WIVELISCOMBE, in the county of Somerset, which for many years past has been worked by the WIVELISCOMBE SLATE COMPANY (LIMITRD), whose term expires at Lady-day next. The premises comprise a house for the Manager, and \$5. 2. 8. 37. of LAND.

To view the quarry, application to be made to Henry Bellew, Esq., of Oakhampton House, Wiveliscombe, the owner; and for further particulars, and to inspect the draft of the proposed lease, apply to Mr. A. K. Payne, Solicitor, Milverton, Somerset, to whom Tenders in writing should be sent on or before the 28th day of February, 1881.

Dated Milverton, 11th January, 1881.

TIRE AND STORM-PROOF IRON ROOFING.—
VERY STRONG and FIRST-CLASS IRON ROOFS, up to 50 feet span erected complete, just now much under usual prices, from special lots; also MATERIALS in stock, admirably suited for IRONWORKS, FORGES, ROLLING MILLS, COLLIERIES, IRON FOUNDRIES, SHIP-BUILDING YARDS, ENGINEERS SHOPS, WAREHOUSES, WORKSHOPS, and MANUFACTURING, AGRICULTURAL, and OTHER PURPOSES.

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ficial foot—£10 lots delivered free. Apply to— ISAAC DIXON, WINDSOR IRON WORKS, LIVERPOOL.

R NGINES, BOILERS, &c., FOR SALE:FIRST-CLASS 50-inch cylinder PUMPING ENGINE.
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R. SYMONS. in each case is very limited. 11, Parade, Truro, 3rd February, 1881.

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R. SYMONS, Mineral Surveyor, Truro.

February 3rd 1881.

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Sampled Feb. 9, and sold at the Royal Hotel, Truro, Feb. 24.

 Average standard
 £100
 5
 0
 Average produce
 5%

 Average price per ton
 £3
 4
 0

 Quantity of ore
 2207 tons
 Quantity of fine copper, 131 tons
 0 cwt.

 Amount of money
 £7683
 13
 0

 LAST SALE
 Average standard
 £95
 11
 0
 Average produce
 6%

 Standard of corresponding sale last month
 £95
 6
 0
 Produce
 6%

COMPANIES BY WHOM THE ORES WERE PURCHASED. 2207 £7063 13 0







Paris, Order of the Crown of Prussia Bronze Medal, 1867.

▲ DIPLOMA-HIGHEST OF ALL AWARDS-given by the Geographical Congress, Paris, 1875-M. Favre, Contractor, having exhibited the McKean Drill alone as the Model Boring Machine for the St. GOTHARD TUNNEL.

SILVER MEDAL of the Highland and West of Scotland Agricultural Society, 1875-HIGHEST AWARD.

At the south end of the St. Gothard Tunnel, where

Are exclusively used, the advance made during eight consecutive weeks, ending February 7, was 24.90, 27.60, 24.80, 26.10, 28.30, 27.10, 28.40, 28.70 metres. Total advance of south heading during January was 121.30 metres, or 133 yards.

In a series of comparative trials made at the St. Gothard Tunnel, the McKean Rock Drill continued to work until the pressure was reduced to one-half atmosphere (7½ lbs.), showing almost the entire motive force to be available for the blow against the rock—a result of itself indicating many advantages.

The GREAT WESTERN RAJLWAY has adopted these Machines for the SEVERN TUNNEL; the LONDON AND NORTH-WESTERN RAILWAY for the FESTINIOG TUN-NEL: and the BRITISH GOVERNMENT for several Public Works. A considerable number of Mit, , og Companies are now using them. Shafts and Galleries are driven at from three to six times the speed of hand labour, according to the size and number of machines employed, and with important saving in cost. The ratio of advantage over hand labour is greatest a cere the rock is hardest.

hese Machines possess many advantages, which give them value unapproached by any other system of Boring Machine.

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The SAME Machine may be used for sinking, drifting, or open work. Their working parts are best protected against and accidents. The various methods of mounting them are the most efficient.

N.B.-Correspondents should state particulars as to character of work in hand in writing us for information,

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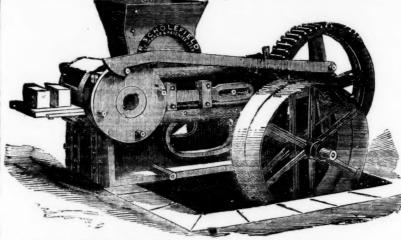
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2 men digging, each 4s. per day

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1 boy gressing, 1s. 6d. per day

1 engine-man, 5s. per day

1 man wheeling bricks from machine to kiln, 4s. per day

Total cost of making 10,000 pressed bricks £1 5 0, or 2s. 6d. per 1000.

(SETTING AND BURNING SAME PRICE AS HAND-MADE BRICKS.)

N.B.—Where the material can be used as it comes from the pit, the cost will be reduced in digging.

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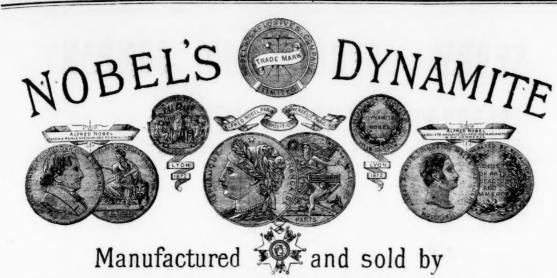
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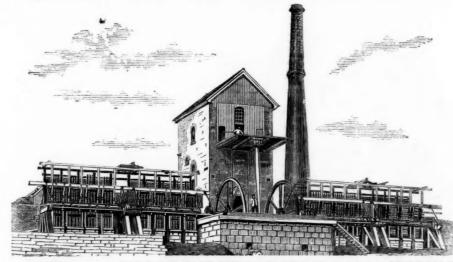
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THE MINING SHARE LIST.

	BRITISH DIVIDEND MINES.	1
Shares.		1
3939	Rue Hills, t.c. St. Agnes 4 6 6 3 31/4 0 2 0 0 2 0 Sept. 1880	-1
1,000	Caron t, Cardigan* 2 C '0 2\(\frac{1}{2}\) 2 0 4 0 0 2 0Oct. 1878	1
1000	Caro Brea, c, t, Illogants	4
10.40	Devon Gt. Consols, c, a, Tavistock*† 1 0 0 14½11½ 12118 7 0 0 6 0Dec. 1880	-
4296	Dolcoath, c, t, Camborne	1
20000	East Craven Moor,* l, Pateley Bdg. 1 0 0 1 % % 0 0 6 0 0 6 Aug. 1880	1
6400		
10500		- 1
12300		- 1
40000		
£500		- 1
15000		- 1
10240		- 1
2800		- 1
20000		п
400	Lisburne, * I, Cardiganshire	
10000		
9000		. 1
20000		
8000		
8146		
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	Pennant, l, bur, North Wales* 5 0 0 5 4½ 5 0 10 0 0 5 0Mar. 1878 Phœnix United, t, c, Link 5 10 3 2½ 2½ 2½ 0 2 6 0 2 6Mar. 1880	
	Pr. Patrick, * s-l, (als.12000pf.10 p.c) 1 0 0 — 0 18 6 0 2 0July 1880	
	Red Rock,* 1, Cardigan	
12000	Roman Gravels, I, Salop*	
4000	Rhydalun,* l, Wales	
612	South Caradon, c, St. Cleer† 1 5 0 62½47½ 52½749 0 0 1 0 0July 1880	
6123	South Condurrow, t, c, Cambornet 6 5 6 10½ 9¼ 10¼ 8 2 0 0 10 0Jan. 1881	
9000	Bouth Darren, l, Cardigan*	
4500	South Wheal Frances, t, Illogant 7 12 4 9½ 8 9 40 15 6 6 10 0July 1880	
110000	Tankerville Gt. Consols, 1, Salop*†. 1 0 0 34 1/2 1/2 0 16 3 0 0 10Jan. 1877	
	Tineroft, c, t, Pool, Illogants 11 10 0 2017½ 18½ 50 8 6 0 5 0 May 1877	
15000	Van, , Llanidloes*	
3000	West Chiverton, l, Perranzabuloet 20 5 0 1/2 55 10 0 0 10 0 Feb. 1878	
	West Tolgus, c, Redruth	
	West Wheat Seton, c, Cambornets 26 10 0 18 17 18 223 0 0 0 7 6 Apr. 1878	
6000	West Basset, c, Illogan†	
12000	Wheal Crebor, c, Tayistock	
1024	Wheal Eliza Consols, t. St. Austell., 18 0 0 — 42 10 0 8 0 0 Aug., 1880	
6000	Wheal Grenville, t, Camborne 15 0 0 10 9½ 9½ 0 7 6 0 2 6Jan. 1881	
4295	Wheal Kitty, t, St. Agnes	
3000	Wheal Peevor, t, Redruth	
	FOREIGN DIVIDEND MINES.	

12000	Roman Gravels, I, Salop* 7 10	0 10½10½ 11 8 6 0 0 5 0Dec. 1880
4000	Rhydalun, * l, Wales 10 C	0 — 0 5 0 0 5 0 Feb. 1830
512	South Caradon, c, St, Cleer 1 1 5	0 621/2471/2 521/2749 0 0 1 0 0July 1880
6123	South Condurrow, t, c, Cambornet 6 5	6 10½ 9¼ 10¼ 8 2 0 0 10 0Jan. 1881
9000	South Darren, I, Cardigan* 1 16	0 21/2 21/4 23/2 0 4 0 0 2 0Apr. 1880
4500	South Wheal Frances, t, Illogant 7 12	4 91/2 8 9 40 15 6 6 10 0July 1880
	Tankerville Gt. Consols, 4, Salop*†. 1 0	0 34 1/4 3/8 0 16 3 0 0 10Jan. 1877
	Tineroft, c, t, Pool, Illogants 11 16	0 2017½ 18½ 50 8 6 0 5 0 May 1877
15000	Van, l, Llanidloes* 4 5	0 16 14 15 25 3 0 0 5 0Dec. 1880
	West Chiverton, I, Perranzabuloet 20 5	0 1/4 55 10 0 0 10 0 Feb. 1878
	West Tolgus, c, Redruth 95 10	0 471/2 40 50 33 0 0 1 0 0 Jan. 1879
1200	West Wheal Seton, c, Cambornet 26 10	0 18 17 18223 0 0 0 7 6Apr. 1878
6000	West Basset, c, Illogant 7 0	4 14½ 14 15 27 2 0 0 5 0Jan. 1881
12000	Wheal Crebor, c, Tavistock 2 4	0 41/2 4 41/4 0 7 9 0 1 6Nov. 1880
1024	Wheal Eliza Consols, t, St. Austell., 18 0	0 42 10 0 8 0 0Aug. 1880
6000	Wheal Grenville, t, Camborne 15 0	0 10 9½ 9½ 0 7 6 0 2 6Jan. 1881
	Wheal Kitty, t, St. Agnes 5 4	
3000	Wheal Peevor, t, Redruth 7 11	0 23½ 21½ 22 7 8 6 1 0 0Dec. 1880
	FOREIGN DI	VIDEND MINES.
25500		0 1¼ 1¼ 1¾ 2 2 0 0 1 3Sept, 1880
	Almada and Tirito Consol., s*† 1 0	
	Australian, c, South Australia† 7 7	
	Birdseye Creek, q, California* 4 0	0 2 17/8 2 0 16 0 0 2 0Dec. 1880
	Cape Copper Mining, *† South Africa 7 0	0 43 42 44 40 7 6 1 0 0Dec. 1880
	Cesena Sulph. Co., Romagna, Italy* 10	0 1 1 0 0 1 0Aug. 1879
	Copiapo, c, Chili* (£4 shares) 3 8	0 2¼ 2¼ 3 1 12 9 0 1 6Jan. 1881
	Eberhardt and Aurora, s, Nevada*† 10 0	0 3½ 3 3½ 1 8 0 0 3 0Dec. 1877
	English & Australian, *† c, S. Aust 2 10	0 1½ 1¼ 1½ 2 18 9 0 1 0Mar. 1880
	Fortuna, l, Spain*† 2 0	0 6 5 6 7 15 5 0 4 0Sept. 1880
	Frontino & Bolivia, q, New Gran.*† 2 0	0 5 41/2 5 0 8 0 J 2 0Jan. 1881
	La Plata, s-l, Leadville 2 0	0 134134 154 0 5 5 0 0 4Feb. 1881
	Linares, l, Spain*† 3 0	0 7 6½ 7 18 10 10 0 8 0Sept. 1880
	New Quebrada, c, Venezuela 5 0	0 61/2 6 61/2 0 2 6 0 2 6July 1880
1000		0100 95 100 6 per cent
	Oregon, g, Oregon, U.S. (pref. sh.) # 0	0 0 2 6 0 2 6Dec. 1880
	Panulcillo, c, Chili*t 4 0	0 61/2 61/4 61/4 0 2 6 0 2 6 Dec. 1880
	Pitangui, * g, Brazil (in. 6000 £1 pd). 0 10	0 0 1 0 0 1 0Sept. 1880
	Pontgibaud, s-l, Francet 20 0	0 17 15 17 28 17 6 0 7 3Dec. 1880
	Port Phillip, g, Clunes*†(£2 shares) 1 0	0 58 38 58 1 14 2 0 0 10Feb. 1881

10000	Pontgiband, s-l, Francet 20	0	0	17	15 17	***	28	17	6	0 7	3Dec.	1
100000	Port Phillip, g, Clunes*†(£2 shares) 1	0	0	5/8	38 58	***	1	14	2	0 0	10Feb.	13
54000	Port Phillip, g, Clunes*†(£2 shares) 1 Richmond Consol., s, Nevada*† 5	0	0 1	17	15 17		10	11	6	10	0Feb.	1
1858880	Rio Tinto, *c, Sp.Coup.Bds., Huelva.100	0	010	1	99 101			5 1	er cer	it.	July	1
225000	Ditto, shares 10	0	0 2	231/2	24 25	***	0	18	0	0 8	0Nov.	1
40000	Banta Barbara, * g, Brazil 0	10	0	2	13/4 2		0	10	9	0 2	0Apr.	1
120000	Scottish-Australian Mining Co. * 1 1	0	0	23/8	21/8 23/8			15	p. ce	nt.	Nov.	18
80000	Ditto, New	10	0	11/4	1 11/4			15	p. ce	nt.	Nov.	1
50000	Sentein, * s-l, bl, Ariège, France 1	0	0				0	2	0	0 2	0Jan.	1
22500	Sierra Buttes, g, California*† 2	0	0	158	138 158		2	- 1	6	0 1	0Oct.	1
40625	Ditto, Plumas Eureka 2	0	0	23/4	21/2 23/4	***	2	10	0	0 3	0Oct.	1
253000	St. John del Rey*† (£5 Stock and multi	ples	dealt	in)	265 275		121/	p.6	e. for l	na!f-	year, June	1
20000	Tolima,* g, s, Colombia 5	0	0				1	11	9	0 4	6Dec.	1
25000	Victoria* (London), g, Australia 1	0	0				0	13	10	0 0	8Feb.	1
15000	Western Andes, s, Colombia 5	0	0				2	18	0	0 2	6Aug.	1
2100	W. Prussian (5500 pref. sh. £10 pd.) 10	0	0	101/2	10 101/2	***	3	14	0	0 8	0Jan.	1
	§ Have made calls	sin	ce las	t divid	lend wa	s p	aid.					

NON-DIVIDEND BRITISH MINES.

	Dasset & Duner Cons., c. e, Inogan.		U	Vene	***	
1583	Bedford Unit., * c, Tavis. (£1 liab.)	0	6	0	1 1/8 1 1/8 2	1/8
5000	Belowda*, t, Roche	1	0	0		
	Bettws-y-Coed, # 1 (20000 sh. issued)	1	0	0		
8000	Blaen Caelan, * l, Cardigan	3	0	0		
0000	Bodidris,* l, bl, Denbighshire	1	0	0	11/4 1 1	1/4
800	Botallack, t, c, St. Just!	31	10	0		
0000	British, s-l, Wrexham	2	0	0		
0000	Bwlch United,* l, Cardigan	0	17	6	234 21/4	23/4
0000	Cambrian, * s-l, c, Cardiganshire	2	0	0	2134 2	
6000	Carn Camborne, t, c, Camborne	0	0	6	4334 4	1/4
	Carnarvon, * c, Carnarvonshire	1	0			1/8
	Central Foxdale, l, I. of Man (2l, sh).	1	17	6		
5000	Coed Mawr Pool,* l, Carnarvon	2	0	0		
2450	Cook's Kitchen, t, Illogant	29	14	9	111/2 11 1	136
5500	Court Grange United*, s-l	1	0	0	1/2 3/8 1	6
6400	Crook Burn,* 1, Cumberland	0	10	0	11/8 1 1	1/8
4000	Crosswood Mining Lands, 1 *	1	0	0		1/2
5000	Cwm Dwyfor,* c, s-l, Carnarvon	1	0	0		
5000	Cwm Pryf,* sl, Cardiganshire	1	0	0		
0000	Deep Level, l, Flintshire	1	0	0		
	D'Eresby Mountain, l, bl, Llanrwst.		0		50 40 5	0
	Denbighshire Consolidated,* 1	3	0		3 2 3	

12000 Derwent,* l, Durham	4	0	0
1000000 Devon,* c, bl, Tavistk, (126000 iss.)	0	1	0
60000 Devon Friendship, *c, Tavistock	1	0	0
12000 Devon Great United* (21, shares)	1	0	0
20000 Devonshire, * s-l, Lydford	1	0	0
10000 Dubby Syke, l, Durham*	0	19	6
6000 East Botallack, t, St. Just	0	4	0
6144 East Caradon, c, St. Cleer!	3	14	6
4000 East Chiverton, l, Perranzabuloe	9	14	9
12000 East Crebor, c, Tavistock	0	10	0
15000 East Devon Cons., * c, Buckfastigh,		0	0
12000 East Herodsfoot, s-l, Liskeard		mil.	
20000 East Long Rake, * I, Wales	1	0	0
21000 East Roman Gravels, * l, Salop	0	10	0
19000 Fact Van / Llanidloos!		0	

	21000	East Roman Gravels,* 1, Salop	0	10	0	1 7/8 1	
	18000	East Van, l, Llanidloes*	5	0	0	213/4 2	
3	4096	East Wheal Buller, t, c, Gwennap	0	10	0	11/8 1 11/8	
3	2096	East Wheal Lovell, t, Helston	14	3	6	5 41/2 5	
2	10000	Fortescue (Stannagwyn,)* var	1	0	0	21/221/4 21/2	
	12000	Gawton, * c, Tavistock (21, shares)	1	14	0	11/211/4 13/4	
)		Glenroy,* s-l, Isle of Man					
)	30000	Gobbett,* t, Dartmoor	1	0	0	11/8 1 11/8	
	10000	Gover Consols,* t, St. Austell	1	0	0	114 11/8 13/8	
		Great Consols, t, St. Austell					
1	20000	Great Dyliffe* (10000 sh issued)	1	0	0	116 76 114	

				0	11/4 11/8 13/8
25000	Great Consols, t, St. Austell	1	0	0	
20000	Great Dyliffe* (10000 sh. issued)	1	0	0	11/8 7/8 11/8
12000	Great Holway, * 1, Flintshire	5	0	0	541/2 51/2
6000	Great West Chiverton, l, St. Agnes.	0	5	0	3/3 1/4 3/8
			0		
10000	Gwern-y-Mynydd,* s-l, Flintshire	4	0	0	213/4 2
1280	Gwydir Consols, l, bl, Carnarvon	10	0		
1200	Hartington Moor, * curb. l. Derby	1	1	0	11/2 1 11/2
					1s 1s.
12000	Herodsfoot, l, near Liskeard†	0	8	9	1 3/ 1
18000	Hingston Down, c, Calstock*†	0	11	0	11/211/4 13/4
	Indian Queens Con., * t, St, Columb.	1	0	0	21/221/2 21/2
	Kirkmichael, # 1 (2000 unissued)	1	0	0	13/311/8 11/4
6000	Killifreth, t, Chacewater	3	15	0	1/4 1/4
25000	Kit Hill Gt. Cons. *c, ars-m, (2l. sh.)	0	15	0	13/8 11/4 13/8
15000	Lady Ann, s-l, Llanarmon	1	0	0	
	25000 20000 12000 6000 20000 10000 1280 12000 18000 15000 200000 25000	25000 Great Consols, t, 8t. Austell 20000 Great Dyllife* (10000 8h. issued) 12000 Great West Chiverton, t, 8t. Agnes. 20000 Griffin, *s-l, Carnaryon. 10000 Gwern-y-Myndd, *s-l, Flintshire. 1230 Gwydir Consols, t, bl, Carnaryon. 1200 Hartington Moor, *carb. t, Derby 6400 Hartington Moor, *carb. t, Derby 1200 Herodsfoot, t, near Liskeardt. 18000 Hingston Down, c, Calstock*† 15000 Indian Queens Con., *t, 8t. Columb. 20000 Kirkmichael, *t (2000 unissued) 6000 Killifreth, t, Chacewater. 25000 Kit Hill Gt. Cons. *c, ars-s.m, (2t. sh.) 25000 Kit Hill Gt. Cons. *c, ars-s.m, (2t. sh.)	25000 Great Consols, t, 8t. Austell 1 12000 Great Dyliffe' (10000 8t. issued) 1 12000 Great West Chiverton, t, 8t. Agnes 0 20000 Gritlin, s-l, Carnarvon. 1 1200 Gwern-y-Myndd, s-l, Flintshire 4 1230 Gwydir Consols, t, bl, Carnarvon. 1 1200 Hartington Moor, curb. t, Derby 1 1200 Hardington Moor, curb. t, Derby 1 1200 Hardington Moor, s-listeard 0 12000 Herodstoot, t, near Liskeard 0 15000 Indian Queens Con., s-t, 8t. Columb 1 1 1 1 1 1 1 1 1	25000 Great Consols, t, St. Austell	25000 Great Consols, t, 8t. Austell 1 0 0

80	6000	Killifreth, t, Chacewater	3	15	0	1/4 1/4	1
81	25000	Kit Hill Gt. Cons. *c, ars-m, (2l. sh.)	0	15	0	13/8 11/4 13/8	d
81	15000	Lady Ann. s-l, Llanarmon	1	0	0		ı
80	30000	Lady Ashburton,* s, Callington	1	0	0	158138 158	ı
80	15000	Lady Bertha, * c, Tavistock	0	17	6		1
	12000	Ladywell,* 1, Salop (12000 prf. also)	2	10	0		1
80		Langstone,* man, Devon					1
80	5000	Lead Era,* l, Mold	2	10	0		1
80	2500	Levant, c, t, St. Just	11	0	0	12 11 12	1
80	15000	Llandegla,* l, Wales Lomax,* s-l, Helston	1	0	0	11/8 3/8 11/8	ı
81	10000	Lomax, * s-l, Helston	1	0	0	11/4 1 11/4	1
81	5120	Lovell, t, Wendron	0	16	0	11/211/4 11/2	1
80	37500	Llanrwst, * l, Carnarvon	2	0	0		1
80	9000	Marke Valley, c, Linkinhorne!	5	16	6	11/211/4 11/4	1
80	1800	Mawston,* 1, South Wales	1	0	0	11/2 1 11/2	
80	6000	Medlyn Moor, t, Wendron	3	15	10		
80	28000	Mid-Devon, * c (& 17000, 3s. 4d. pd.)	0	6	8		

1	37500	Llanrwst,* l, Carnarvon	2	0	0	
1	9000	Marke Valley, c, Linkinhorne!	5	16	6	11/211/4 11/4
1		Mawston,* l, South Wales	1	0	0	11/2 1 11/2
1		Medlyn Moor, t, Wendron	3	15	10	
l		Mid-Devon,* c (& 17000, 3s. 4d. pd.)			8	
Ì		Monkstown,* man, Devon				25823/8 25/8
1	20000	Mostyn Consols,* s-l, Flint	1	0	0	****
l		Mynydd Gorddu, l, Cardigan*				3 21/2 3
1		Moray Firth (18000 issued)			0	
1		Morfa Du, z, g, s, Anglesea*		0	0	1 7/8 1
ı		Mount Carbis, t, c, Redruth		0	0	4 13/4 2
1		New Cook's Kitchen, t, Illogan				71/2 61/2 7
1	8000	New Dolcoath, t, c, Camborne*	3	0	0	
1	6000	New Kitty, t, St. Agnes	0	5	6	2 11/2 2

	NON-DIVIDEND MINES—continued.
wk. Clos pr.	Shares. Paid, Last wk. Clos pr.
413/8 11/2 3/4 1/2 3/4	
14 12 14	3500 New Tincroft, * t, Lelant
* ***	6000 New West Caradon, c, Liskeard 0 2 6 34 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
7/ 17/ 91/	1000 New West Caradon, c, Liskeard 0 2 6 2 6 2 6 2 6 2 6 2 6 2 6 2 6 2 6 2
1/81 1/8 21/8	20000 North Alfred, c, Phillack 0 10 0 13614 136
***	10000 N. D'Eresby Mount.,* l, bl, Carnarv. 1 0 0 14 1 14
	12000 North Herodsfoot, l, Liskeard 0 5 0 36 36 50000 North Molton, c, mn, s, Devon 1 0 0
14 1 11/4	50000 North Molton, c, ma, i, Devon 1 0 0
	6000 North Penstruthal, t, c, Gwennap 1 5 0 2134 2
	2936 North Treskerby, c, St. Agnes 8 17 10 8000 Northern,* l, Durham
14 21/4 23/4	8000 Northern,* l, Durham 1 0 0 11/2 1 11/2
134 2	12000 Pandora,* <i>l</i> , Carnarvon
31/4 41/4	11612 Pant-y-Mwyn,* l, Mold
1/8 1 11/8	
14 11 1114	7500 Pateley Bridge, l, Yorkshire 1 0 0 32 12 22
1/2 3/8 1/4	15000 Ditto (also 7500 sh. not issued) 0 19 0
1/8 1 11/8	
½ 11 11½ ½ ¾ ¼ ½ 1 1½ ½ 1 1½	1000 Pendarves United, c, Camborne. 8 0 0 24 2 24 12000 Pen-yr-Orsedd,* l, Flintshire. 1 0 0 14 1 14 12000 Plynlimmon, l, Llanidloes* 2 0 0 12000 Plynlimmon, l, Llanidloes* 2 0 0 0 0 12000 Plynlimmon, l, Llanidloes* 2 0 0 0 0 12000 Plynlimmon, l, Llanidloes* 2 0 0 0 0 0 12000 Plynlimmon, l, Llanidloes* 2 0 0 0 0 0 0 12000 Plynlimmon, l, Llanidloes* 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 12000 Plynlimmon, l, Llanidloes* 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	12000 Pen-yr-Orsedd,* l, Flintshire
	12000 Plynlimmon, l, Llanidloes* 2 0 0 —
40 50	10000 Polrose, t, Cornwall 0 10 0 14 1 14
40 50	10000 Port Nigel,* s-l, Carnarvonshire 2 0 0 211/2
14 2 214	12000 Prince of Wales, c, s, Calstock 0 10 0 3/ 5/2/
6d 2a 6d	50000 So. Cambrian, * l, Cardiganshire 1 0 0 134 14 14
½ 1 1½ ½ 2½ 2½ ¼ 1 1½ ¼ 1 3%	30000 South d'Eresby Mountain, * 1 1 0 0 118 1 114
1/221/4 21/2 1/4 1 11/4	35000 So. Devon Unit.,* c, Buckfastleigh. 1 0 0 4 31/31/
14 1 11/4	6000 South Penstruthal, t, c, Gwennap 1 0 0 1 34 12 6000 South Roskear, t, c, Camborne 8 5 0
14 1/4 3/8	6000 South Roskear, t, c, Camborne 8 5 0 — 6000 South Tolcarne, t, c, Camborne 3 19 0 1314 136
1 1 2 341 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	6000 South Tolcarne, t, c, Camborne 3 19 0 13614/14/40000 South Wheal Crebor*, c, Tavistock 1 0 0 214/2/2003
141/2 1/4	2043 South Wheat Crotty, C, Hogan 18 7 0 105610 11
3/ 1/ 3/	4000 St. Just United, Cornwall 2 10 0
1½ 2 ¾½ ¾ 3½ 4	30000 Talybont,* s-l, Cardiganshire 1 0 0
14 36 55	40000 Tamar, s-l, Bearalston* 1 0 0 1¼1% 1¼
3414 11/2	6400 Teesdale,* \(\lambda\), Durham (pref.) 1 6 0 \(\frac{1}{2} \) 1 20000 Tin Hill,* \(t\), Stephens 1 0 0 2\(\frac{1}{2} \) 2\(\frac{1} \).
78 1	20000 Tin Hill,* t, St. Stephens
1/4 2	5000 Treleigh Wood, t, Redruth 6 1 0
	12000 Trevince Consols, t, c, Gwennap 0 5 0 11/ 1 11/
	6000 Trugo, c, St. Columb 0 6 0
1½1¼ 1¾ 5/8 ¾ 5/8 1½ 1 1½	640 Truro,* l, Nerquis, Flintshire 10 0 0 — 10000 Tyn-y-Fron,* l, Cardiganshire 1 0 0 1 ¾ 1
5/8 3/8 5/8	10000 Tyn-y-Fron, t, Cardiganshire 1 0 0 1 3/ 1 11000 Un. Van & Glyn, t, (& 41500 other sh) 2 0 0 58 3/ 5/
1/8 1 1/8 1/41/8 13/8	1000 Vaughan,* l, Cardiganshire 10 0 0
_	18000 Victor,* l, Cilcen, Flintshire 0 11 0
1/8 7/8 11/8 5 41/2 51/2 1/8 1/4 3/8	15000 Vincent,* t, Altarnun
41/2 51/2	12000 West Assheton, l, Carnarvon
18 14 3/8	3000 W. Craven Moor, l, Pateley Brdge* 10 0 0
213/4 2	
174 2	12000 West Crebor, c, Tavistock 0 5 0 1/4 3/4 1/2 10240 West Devon Consols, c, Calstock 1 0 0 1/2 1/2 10000 West Godolphin, t, c, Breage 0 10 0 2/2 2/4 12000 West Godolphin, t, c, Breage 0 10 0 2/2 2/4
11/2 1 11/2	10000 West Godolphin, t, c, Breage 0 10 0 2½ 2 2½ 12000 West Holway,* l, Flintshire 1 0 0 2 1½ 2
1½ 1 1½ 1s 1s.	12000 West Holway,* l, Flintshire 1 0 0 2 1½ 2 6000 West Kitty, t, St. Agnes
1 34 1 11/21/4 13/4 12/22/4 2/4 13/31/8 13/4 13/4 1/4 13/3 1/4 13/8	6000 West Kitty, t, St. Agnes 0 9 0 3 3 3 3 3 3 2 2 2 2 2 2 2 2 2 2 2 2 2
11/211/4 13/4	3000 West Mary Ann, l, Menheniot 1 5 0 114 1 11/
21/221/4 21/2	20000 West Pateley Bridge,* l, Yorkshire. 1 0 0 114 1 114
31/8 1/4	12000 West Phoenix, t, c, Caradon 0 6 8 21/2 2 21/2
136 11/ 136	6000 West Polbreen,* t, c, St. Agnes 0 2 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	5190 West Poldice, St. Day!
15%13% 15%	3000 West Wheal Peevor, t, Redruth 2 0 6 15 14 15
	12000 West Wye Valley,* l, Montgomery. 3 0 0 38 1/8 1/8
	6000 Wheal Agar, c, Illogan 1
	6144 Wheal Basset, c, Illogan
2 11 12	3000 Wheal Boys, t, Redruth
11/6 26 11/6	2585 W.Comf., & No. Tres., t, c, Gwennap 2 2 0 314 3 34
14 1 14	15000 Wheal George, * l, hl, Carnarvon 1 0 0 11411/114
1½1¼ 1½	12288 Wheal Jane, t, Keal
1411/ 11/	12000 Wheal Jewell, c, St. Hilary 0 11 0 1 1 25000 Wh. Hony and Trelawny, s-l, Lisk, 2 0 0 234 24 24
11/211/4 11/4 11/2 11/2 1 11/2	12288 Wheal Jane, t, Kea; 1 5 8 1 3/1 1200 Wheal Jewell, c, St. Hilary 0 11 0 74 5/8 12500 Wh. Hony and Trelawny, s-t, Lisk. 2 0 0 24, 24/24/1200 Wheal Luskey, t, Callington 0 1 0 3/8 3/4 3/1 2000 Wheal Luskey, t, Callington 0 1 0 3/8 3/4 3/1 2000 Wheal Charlett St. Lucki
	2000 Wheal Owles, t, St. Just 7 3 0
05/ 03/ 05/	
2 5/823/8 25/8	12000 Wheal Russell, c, Tavistock
3 21/2 3	12000 Wheal Russell, c, Tavistock

 $\begin{array}{l} bl, \, \text{blende} \, ; \, c, \, \text{copper} \, ; \, g, \, \text{gold} \, ; \, l, \, \text{lead} \, ; \, s, \, \text{silver} \, ; \, sl, \, \text{slate} \, ; \\ s \cdot l, \, \, \text{silver-lead} \, ; \, t, \, \text{tin} \, ; \, z, \, \text{zinc} \, ; \, i, \, \text{iron} \, ; \, a, \, \text{arsenlc} \, . \\ * \, \, \text{Limited Liability Companies} \, ; \, \, \text{quoted on the Stock Exchange} \, ; \\ \, \, l \, \text{have paid dividends} \, . \end{array}$

NON-DIVIDEND FOREIGN MINES; FOREIGN AND MISCELLANEOUS STOCKS; TRAMWAYS; INSURANCE COMPANIES; GAS, IRON AND COAL, WAGON COMPANIES, &c.

412 -	NON-DIVIDEND FOREIGN						
Share	About the Call Cont	1	0	. Cl	08.	pr.	
10000		4	0	0	22/	2	
12000	Disa West had California	5	0	01 01	274	0	
40000	Brue Tent, nga, Camorina	1	0	0 1	74	134	5
10000	Propa Ventura * / Spain (fr. nd)	2	0	01	78	178	
30000		1	0	01	1/	11/	
30000	Called Die # Venemale	i	0	01	12	13/	
15000	Canada,* g	1	0	0	/2	174	
15000	Canada, *g	4	0	02	210	934	1
24422	Codes Crook a California*	5	0	0	78	27.5	١.
00000	Champabadi (Wangad) District # a	1	0	0			1
00000	Chantalan a Nigar #1 (98000 isa)	î	0	0	1/	1/4	1
50000	Colon # a Mysons	1	0	0	15	74	1
36000	Colombian Hydraulia a Colombia	î	0	0			Į.
12000	Colorado United a / Colorado##!	5	0	0	21/	93/	1
00000	Consolidated Mining	1	Ö	0	1/8	23/8 3/8 15/8 3/8	ı
00000	Davala Moves * a Wanged	î	0	0	13/	78	t
35000	Dovala Provident * a Wymaed	0	5	0	1/3	3/8	1
12000	Die : Donné * a Shainam		12	6	74	78	
20000	Died Donne, g, Surmam	1	0	6	*/	2/	ı
00000	English Australian a Victoria			0	72	13%	1.
00000	English Australian, g, Victoria"	1	0	U	100	1/8	1
00000	Exchequer, g, s, Camornia" 1			0	1/8	28	
60000	Cold Mining Assau	1	0	0			1
20000	Howard Hill # North Canada"	1	0	0			1.
20000	Hoover Hill, g, North Carolina	1	0	0	20	1011	
10000	Hornachos, s-t, Spain	0		0	10	101/4	1
12000	Colorado United, #-I Colorado "1]. Consolidated Mining Devala Moyar, "g, Wynaad Devala Provident, "g, Wynaad Die Johne, "g, Buriman Don Pedro North del Rey" English Australian, g, Victoria". Exchequer, g, s, California*! Gold Coast, "g, Wassau Gold Mining Assn. of Canada* Hoover Hill, "g, North Carolina Hornachos, "s, -I, Spain Hultafall, "l, bl, Orebro, Sweden Ind, Glenrock, "g, Wynaad I, La, g, s, California* Javali, g, Nicaragua* Kapanga, "g, New Zealand La Concepcion. "g, Venezuela London and California, g*1]	5	0	0	192.		1
E0000	Ind. Glenrock, g, wynaad (Iy.pd)	0	5	n 1%	1/4	xnw	L
50000	Indian Mammoth, g, Chullmulla.		0	0	121	117	1
50000	Indian Phoenix, g, wynaad	1		0	1 74	11/2	1
20000	Indian Trevelyan, g, wynaad	1	0	0	1	11/8	1
50000	I.A.L., g, s, Camornia		0	0	1/8	78	1
50000	Javan, g, Nicaragua"	2	0	0			1
50000	Kapanga, g, New Zealand	1	0	0	24	1/8	1
00000	La Concepcion.* g, Venezuela	1	0	0			1
65000	London and California, g*11 Madras,* g, Mysore Michipicoten,* nat. c, Quebec	2	0	0	28	38	ı
33000	Madras, g, Mysore	1	0	0			П
00000	Michipicoten, nat. c, Quebee	1	0	0			1
9000		10	0	0	10%	111	1
35000	Mysore,* g, India	0	10	0	1	11/4	1
2 0000	Mysore Reels, g, Madras	1	0	V	1 74	A 2/2	1.
40000	Nava de Jadraque,* g, s, Spain	1	0	0	3/8	1	1
125000	Needlerock, g, Wynaad	1	0	0			
37000	N. Gold Run, "hyd, Cal. (& 23000 pref)	1	0	0			ı
200000	Nouv. Monde, g, Venez. (en com.)	1	0	1)	11/8	136	1
100000	Nundydroog, g, Mysore	0	10	C			ı
125000	Ooregum, g, Mysore	1	0	U.s.			1
15000	Organos," g, Colombia	1	0	0	114	136	ì
80000	Pestarena United, g, Italy*1	3	0	0	3/8	1/2	1
80000		1	0				1
30000	Placerville, g, q, California	2	0	0			1
350000	Potosi, g, Venezueia	1	0	0	15/8	1 7/8	1
50000	Rara Fortuna, s, Argent. Repub.	1	0	0			1
40000	havensenn, g, N. Zind; c, S. Aust.	0	10	0			1
190000	Rhodes Reef, g, Wynaad	0	15			3%	1
25000	Rico, s, Colorado (nonassessable) ,	2	0	0			1
8600		5	0	U			1
100000	Rossa Grande, g, Brazil" (El sh.).	1	0	0	3/	71/16	1
2530	Ruby and Dunderberg, g, Nevada*	10	0	0	. 7	714	-
3402	Ban Pedro, c, Chili	1	15	0			1
100000	So. Indian, g, Madras (fully paid)	1	0	0	. 2	21/4	- 1
10000	Bouth-East Wynaad, g, India	1	0	0	.13/	138	. 1
6823	Tharsis, c, sut, Spain (31000 s. 71. p.)	10	0	0	.38	4394	
4317	United Mexican, 1 s, Mexico	29	5	3	. 2	439 4	ч
5000	Virneberg, c, Rheinbreitb., Ger	2	0	- 3			
10000	West Frntno & Boliv., * g, Colombia	1	0				1
8000	Ruby and Dunderberg, g, Nevada* 2 San Pedro, * c, Chili 3 So. Indian, * g, Madras (fully paid) 3 South-East Wynaad, g, India 0 Tharsis, * c, szd, Spain (31000 s. 7l. p.) 4 United Mexican, * † I, s. Mexico 0 Virneberg, c, Rheinbreith, Ger. * . West Frutno & Boliv., * g, Colombia 0 Wynad Perseverance, * g 0 Youke Peninsula, c, 80. Australia. 0 Yorke Pen., c, South Aust. Pref.	1	0	0	3/4	1	1
7500	Torke Peninsula, c, So. Australia	1	0	0.,	. 1/	36	1
5480	Vorke Pen., c, South Aust. Pref	1	0	0	3/4	11/8	
							1
	WAGON COMPANIE	S					1
Sha	res. Pd.			1	Clos	. pr.	- 1
10	Birmingham Wagon Co. [L] £10 (Ditto pref., 6 per cent 10 (. 1		12	1/2	
10	Ditto pref., 6 per cent		1	1	11	/4	1
DUK.	trioucester L1 Stock		. 8	43/4	85		1
	Ditto 5th issue 5) .	10	3/4	8	14 di	B
AL							
10	Midland Rail. Car. & Wag. [L] 10				8	73	
10	Rail. Car. [L] Oldbury 5			31/4	3 4	14	-

			-	
		INSURANCE COMPANIES.		1
Issue.	Sh		Man	
		Pd. Alliance British and Foreign 11	Clos.	
10000	100	Ditto Moring		29
50000		Ditto, Marine		29
550000	50	British and Foreign Marine [L]. 4		
50000	50	Commercial Union 5		26
5000	20	Eagle	0 %	63/4
	100		24	26
13453	100	Imperial Life	110	
100000	100	Indemnity Marine 50		
49626	90	Lion Fire [L]	4%	2 3
35862	25	L'pool & Lond. Globe (£1 annty) 2 London	04.1	00
40000	95	London and Lancashire Fire 21/2	64 (
50000	20			51/2
10000				
50000		Marine	1	11/2
50000	10			8
40000	50		66	68
30000		Northern		56
40000				
40000	20	Ocean Marine 5 Phœnix Fire 5	73/4	074
200000		Queen 1		1/
100000		Railway Passengers 29s		73
200000	5	Rock Life	814	834
50000		Sea 2	5	51/4
135000		Lancashire 2		
4000		Standard Marine 4		73%
10000		Thames and Mersey Marine [L]. 2	12	1234
40640	20	Union Marine, Liverpool [L] 31/2		61/4
50000		Universal Marine [L] 3		
	-	(a)	/2	
		BANKS.		
100000	10	Agra [L] all	. 11	111/2
80000	20	Anglo-Egyptian Banking [L] all	. 281/2	
30000	40	Bank of Australasia all	. 79	
12500		Bank of British Columbia all	. 171/2	181/2
20600		Bank of British North America., all		
10000		Bank of Egypt all	. 29	
50000	20	Bank of New South Wales all	. 60	
100000	10	Bank of New Zealand ali	. 24	
25000		Bank of South Australia all		
20000		Bank of Victoria 25	. 33	
40000	20	Chartrd. of Ind., Aust., & China. all	. 23	
30000	25	Ch. Merc. of Ind., Lond., China. al	. 231/2	
20000	100	Colonial	- 58	
50000	20	English Bk. of Rio de Janeiro [L] 16	. 1134	121/4
60000	25	London and River Plate [L] 10 London and San Francisco [L] all	. 1234	131/4
50000	10	London and San Francisco [L] all	. 6	61/2
50000	20	London Chartered of Australia all	. 21	22
100000	11	National Bank of N. Zealand [L] 31/2	. 3	31/2
60000	25	Oriental Bank Corporation all	. 20 1/2	211/2
12500	10	Queensland National [L] 5	. 81/2	9
34000	100	Queensland National [L] 5 Stndrd, of British So. Africa [L]. 25	. 54	56
50000	2:	Union of Australiaal	. 631/2	641/2

1000	25 Uni	on of A	ıstralia —	********		al: (631/2 641/2
FOF	REIGN	AND	MISC	ELLA	NEO	US ST	OCKS.
						Closin	a prices.
	entine, 1						
Boliv	via, rem	nants					21/4 23/4
Chili	ilian, 18 ian, 1866	7 per	cent.	*********	******	10	98
City	of Melh	ourne. 5	per cer	t. 1896	-1907	100	8 110
City	of Otta	wa, 6 pe	r cent.	Sterling		113	2 114
City	of Prov	idence,	5 per ce	nt. coup	on be	nds10	6 108
	of Queb						
	of Toro						
	tto, Uni						414 9514
Di	tto, K.	Daira Sa	nieh			7	416 7516
Fore	ign and	Colonia	l Gov. 7	frust, p	referr	ed11	1 113
Di	tto, 5 pe	r cent.,	deferre	d		11	3 115
Peru	ivian, 18	70, 6 per	cent.	********	******		_
Di	itto, 1872 nish, Qui	okallyor	Mort.	S mon or		10	2 104
no probati	mann, den	DE VEL	C mon or	o hor ce	ditto .	200	B 204
Unit	ed State	B MOPL.					5 107

ares, Company, Paid, Price,	
	is
1 Ditto, 6 per cent. pref 1 0 ½ ¾ 00 Ashbury Co. [L] 90 0 54 50 di	is
3 Bagnall, John, and Sons [L] 3 0 .	
50 Bilbao Iron Co. [L]	
20 Bolckow, Vaughan, & Co. [L] A 12 0 51/8 53/8 pt	m is
00 Brown, John, and Co. [L] 70 0 143/4 141/4 d	
3 Cakemore, Cseway, Grn. ord.sh. 3 0 — 3 Ditto (7½ per cent. pref.) 3 0 —	
00 Cammell and Co. [L]	is
10 Central Swedish Iron &Stl.[L] 10 0 1 1½	
5 Chapel House Colliery 5 0	
10 Chillington Iron Co. [L] 10 0 3¼ 4¼	223
1 Consett Spanish Ore [L] 1 0 3/8 1/2 p	m
20 Darlington Iron Co. [L] 13 10 1634 161/2 d	lis
23 Ebbw Vale Co. [L] 20 0 10½ 11	m
	lis
20 Llynvi and Tondu [L] 20 0 141/4 143/4	lis
10 Marbella Iron Ore Co. [L] 10 0 2 21/4	
10 Monkland Iron & Coal Co. [L] 10 0 2 21/2	m
4 Mwyndy Iron Ore [L]	
3 Nerbudda Coal and Iron [L] 21/8 1/4 3/4 10 Newport Abercarn Coal Co. [L] 10 0 7 71/4	
10 Northmptn. Coal, Iron, &c. [L] 8 0 — 10 Northfield Iron Co. [L] 8 13 4 41/4	
35 Palmer's Shipbldg. & Iron [L] 35 0 28½ 28½ 100 Parkgate Iron Co. [L] 65 0 1 1½ p	m
20 Patent Nut and Bolt [L] 14 0 10 10½ p 20 Pelsall Coal and Iron [L] 17 10 11½ 12½	m
50 Rhymney Iron Co. [L] 50 0 32 34	
10 Sandwell Park Colliery Co. [L] 10 0 16 16½ 100 Shotts Iron Co. [L]100 0 70 75	
100 Sheepbridge Iron and Coal [L] 80 0 27 26½ 6 50 Silkstone & Dodw.Cl.& Iron [L] 45 0 —	lis
50 Somorrostro Iron Co. [L] 50 0 100 Staveley Iron and Coal Co. [L] 60 0 161/4 161/4 p	m
100 Ditto ditto B 10 0 2 % 2 % p 5 Tee side Iron & Engine Works 5 0 2 2 ½	m
	dis
20 Ulverston Mining Co. [L] 16 0 14 13 0 10 Vancouver Coal [L] 6 0 3 4	lis
	dis

25	Australian Agricultural 21	10	69	72
	Brighton Aquarium [L] 10			51/4
25	City of London Real Property 12	0	151/2	16
	Fore Street Warehouse [L] 14			
15	Foster, Porter, and Co. [L] 10	10	161/2	171/2
71/2	Imperial Credit [L]	10	7	71/2
10	Milner's Safe [L] 10	0	91/4	934
25	National Discount [L] 5	0	1034	1114
10	Pawson and Co. [L] 6	0	6	61/2
	Peninsular and Oriental Steam 50	0	57	59
	Scottish Australian Invt. Co. 100		205	
Stk.	Ditto New Ordinary 50		100	
Stk.	Ditto 6 per c. guar. pref100		130	
	Ditto 5 per c. guar. pref100		109	
	Telegraph Const. & Maint. [L] 12		36 1/4	3634
	Ditto, 2nd Bonus, 3 per cent 5		31/	
1	Zoedone [L] 1	0	21/4	21/2

GAS COMPANIES.	
Issue, Shares. Pd. 5000 20Bahia [L] all	Clos. pr.
5000 20Bahia [L] all	16 17
13000 5 Hombay [L] all	536 656
10000 5 Ditto, New [L] 4	414 5
29700StkBrentford Consolidated100	150 155 xd
14000 20British all	34 36
550000 Stk Commercial 100	193 198
20000 20Continental Union [L] all	22 23
20000 20 Do, do. New, 1869, 1872 14	15 16
10000 20 Do. do. 7 per ct. Preference all	25 26
23406 10European [L] all	19 20
94850 .Stk Gaslight and Coke, A, Ord 100	173 179 xd
50000 10 Ditto, 5th issue all	
284200Stk Do, 4 per cent. Deb. Stock100	101 103
5000 10 Hong Kong and China all	15 16 16 16
2800000 .StkImperial Continental100	196 199
386500StkLondon	183 187
12000 5 Malta & Mediterranean [L] all	21/4 21/4
100000 Metrop, of Melbourne 6 p.c. Deb	103 105
25000 20Monte Video [L]all	151/4 161/4
10000 5Ottoman [L] all	2 21/2
30000 5Oriental [L] all	61/4 71/4
27500 20Rio de Janeiro [L]	25 1/2 26 1/2
00000. 8tk South Metropolitan, A	196 200 xd
50000Stk Ditto, ditto. B100	175 180 xd

500008tk Ditto, ditto. B
TRAMWAYS.
Issue, Shares. Pd. Clos. pt
40000 5Anglo-Argentine [L] all 3% 4%
10000 10Barcelona [L]
7140 10Belfast Street Tramways all 6% (%
3050 10 Birkenhead, Ordinary all 522 0
2000 10 Ditto 6 per cent Preference all 10%1130
9290 10Bristol [L] 9 .113/12%
9290 10Bristol [L] 9 .11½12½ 25000 10Bordeaux Tram & Omnibus [L]. all10 10½
3200 10Chester [L]
24000 10Dublin
14690 10Edinburgh Street Tramways ali12%13%
35000 10 Glasgow Tramway & Omni, Li, 9 .1374**
10000 10 Hughes Loco. and Tram. works. all 1
7500 10 Hull Street Tramways all 31/31/
10000 10 Hughes Loco. and Tram. works. all 1 7500 10 Hull Street Tramways
34000 10 Liverpool Unit. Tram & Om. [L] all 1071214
25000 10London [L]
8000 10 Nottingham and District [11] all 1114 12
15947 10 Provincial [12]
6000 10Sheffield
6000 10 Snemeid all 88%
6000 10Sunderland [L]
10000 10Swansea [L]
10000 10 Swansea [L] all 6 6 4 1 1 2000 10 Tramways of France [L] all 6 4 9 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
10500 10 I all ways of Germany [12]
20000 S Iramways and Gen. Works [13]. all GUGWID
40000 S I I all ways C I to I [2]
25000 10 Vale of Clyde
tavour av min or or an arming trans [mg/minimum.

	TELEGRAPH COMPA	N	E	S	s. pr.
Shar	es.			ro.	5814
Stile	Anglo-American100	0		20	2078
10	Brazilian Submarine 10	0	***	9 7/8	1078
20	Direct United States Cable 20	0		10%	03/
10	Eastern 10	0	***	91/2	1036
10	East, Exten, Austr, and China 10	0	***	9 /8	1114
10	Great Northern 10	0		10 %	2714
25	Indo-European 25	0	-	20 /2	223/
8	Reuters 8	0	***	10%	000
Stle	Submarine100	0	***	270	13/
10	West India and Panama 10	0	***	11/2	736
20	Western and Brazilian 20	0	***	1/8	170
-		-	-	-	

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